

Color	Code
SOLID / SELF	
White	W-
Black	aa B- C- D- oY/oo
Blue	aa B- C- dd oY/oo
Chocolate	aa bb/bb C- D- oY/oo
Lilac	aa bb/bb C- dd oY/oo
Red	aa C- D- OY/OO
Cream	aa C- dd OY/OO
PARTICOLOR	
Black Tortie (tortoiseshell)	aa B- C- D- Oo
Blue Tortie (Blue Cream)	aa B- C- dd Oo
Chocolate Tortie	aa bb C- D- Oo
Lilac Tortie	aa bb C- dd Oo
SMOKE	
Black Smoke	aa B- C- D- I- oY/oo
Blue Smoke	aa B- C- dd I- oY/oo
Chocolate Smoke	aa bb/bb C- D- I- oY/oo
Lilac Smoke	aa bb/bb C- dd I- oY/oo
Red (Cameo) Smoke	aa C- D- I- OY/OO
Cream Smoke	aa C- dd I- OY/OO
Black Tortie Smoke	aa B- C- D- I- Oo
Blue Tortie Smoke	aa B- C- dd I- Oo
Chocolate Tortie Smoke	aa bb C- D- I- Oo
Lilac Tortie Smoke	aa bb C- dd I- Oo

SILVER TABBY, SHADED, SHELL	
Black Silver Tabby	A- B- C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a
Black Silver Shaded	A- B- C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a Wbwb
Black-Silver-Shell (Chinchilla)	A- B- C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a WbWb
Blue Silver Tabby	A- B- C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a
Blue Silver Shaded	A- B- C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a Wbwb
Blue Silver-Shell	A- B- C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a WbWb
Chocolate Silver Tabby	A- bb/bb C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a
Chocolate Silver Shaded	A- bb/bb C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a Wbwb
Chocolate Silver Shell	A- bb/bb C- D- I- oY/oo t ^{b,b} /TT/T ^a T ^a WbWb
Lilac Silver Tabby	A- bb/bb C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a
Lilac Silver Shaded	A- bb/bb C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a Wbwb
Lilac Silver Shell	A- bb/bb C- dd I- oY/oo t ^{b,b} /TT/T ^a T ^a WbWb
Red Silver Tabby	A- C- D- I- OY/OO t ^{b,b} /TT/T ^a T ^a
Red Silver Shaded (red-shaded-cameo)	A- C- D- I- OY/OO t ^{b,b} /TT/T ^a T ^a Wbwb
Red Silver Shell (red chinchilla, red shell)	A- C- D- I- OY/OO t ^{b,b} /TT/T ^a T ^a WbWb
Cream Silver Tabby	A- C- dd I- OY/OO t ^{b,b} /TT/T ^a T ^a
Cream Silver Shaded (Cream-Shaded-cameo)	A- C- dd I- OY/OO t ^{b,b} /TT/T ^a T ^a Wbwb
Cream Silver Shell (cream chinchilla, cream shell)	A- C- dd I- OY/OO t ^{b,b} /TT/T ^a T ^a WbWb
Tortie Silver Tabby	A- B- C- D- I- Oo t ^{b,b} /TT/T ^a T ^a
Tortie Silver Shaded (tortie Shaded)	A- B- C- D- I- Oo t ^{b,b} /TT/T ^a T ^a Wbwb
Tortie Silver Shell (Tortie Shell)	A- B- C- D- I- Oo t ^{b,b} /TT/T ^a T ^a WbWb
Blue Tortie Silver Tabby	A- B- C- dd I- Oo t ^{b,b} /TT/T ^a T ^a
Blue Tortie Silver Shaded (Blue-Tortie Shaded)	A- B- C- dd I- Oo t ^{b,b} /TT/T ^a T ^a Wbwb
Blue Tortie Silver Shell (Blue-Tortie Shell)	A- B- C- dd I- Oo t ^{b,b} /TT/T ^a T ^a WbWb
Chocolate-Tortie Silver Tabby	A- bb/bb C- D- I- Oo t ^{b,b} /TT/T ^a T ^a
Chocolate-Tortie Silver Shaded (Chocolate-Tortie Shaded)	A- bb/bb C- D- I- Oo t ^{b,b} /TT/T ^a T ^a Wbwb
Chocolate-Tortie Silver Shell (Chocolate-Tortie Shell)	A- bb/bb C- D- I- Oo t ^{b,b} /TT/T ^a T ^a WbWb
Lilac Tortie Silver Tabby	A- bb/bb C- dd I- Oo t ^{b,b} /TT/T ^a T ^a
Lilac Tortie Silver Shaded (Lilac-Tortie Shaded)	A- bb/bb C- dd I- Oo t ^{b,b} /TT/T ^a T ^a Wbwb
Lilac Tortie Silver Shell (Lilac-Tortie Shell)	A- bb/bb C- dd I- Oo t ^{b,b} /TT/T ^a T ^a WbWb
TABBY	
Black Tabby	A- B- C- D- ii oY/oo t ^{b,b} /TT/T ^a T ^a
Blue Tabby	A- B- C- dd ii oY/oo t ^{b,b} /TT/T ^a T ^a
Chocolate Tabby	A- bb/bb C- D- ii oY/oo t ^{b,b} /TT/T ^a T ^a
Lilac Tabby	A- bb/bb C- dd ii oY/oo t ^{b,b} /TT/T ^a T ^a
Red Tabby	A- C- D- ii OY/OO t ^{b,b} /TT/T ^a T ^a
Cream Tabby	A- C- dd ii OY/OO t ^{b,b} /TT/T ^a T ^a
Tortie Tabby	A- B- C- D- ii Oo t ^{b,b} /TT/T ^a T ^a
Blue Tortie Tabby	A- B- C- dd ii Oo t ^{b,b} /TT/T ^a T ^a
Chocolate Tortie Tabby	A- bb/bb C- D- ii Oo t ^{b,b} /TT/T ^a T ^a
Lilac-Tortie Tabby	A- bb/bb C- dd ii Oo t ^{b,b} /TT/T ^a T ^a

GOLDEN SHADED, GOLDEN SHELL	
Golden Shaded	A- B- C- D- ii oY/oo t ^b t ^b /TT/T ^a T ^a Wbwb
Golden Shell	A- B- C- D- ii oY/oo t ^b t ^b /TT/T ^a T ^a WbWb
Blue Golden Shaded	A- B- C- dd ii oY/oo t ^b t ^b /TT/T ^a T ^a Wbwb
Blue Golden Shell	A- B- C- dd ii oY/oo t ^b t ^b /TT/T ^a T ^a WbWb
BICOLOR	
Black White	aa B- C- D- oY/oo S-
Blue White	aa B- C- dd oY/oo S-
Chocolate White	aa bb/bb C- D- oY/oo S-
Lilac White	aa bb/bb C- dd oY/oo S-
Red White	aa C- D- OY/OO S-
Cream White	aa C- dd OY/OO S-
TRICOLOR	
Black Tortie White (Calico)	aa B- C- D- Oo S-
Blue Tortie White	aa B- C- dd Oo S-
Chocolate Tortie White	aa bb C- D- Oo S-
Lilac Tortie-White	aa bb C- dd Oo S-

SILVER-TABBY WHITE, SILVER-SHADED WHITE, SHELL WHITE	
Black Silver Tabby White	A- B- C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Black Silver Shaded White	A- B- C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Black Silver Shell White	A- B- C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Blue Silver Tabby White	A- B- C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Blue-Silver Shaded White	A- B- C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Blue Silver Shell White	A- B- C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Chocolate Silver Tabby White	A- bb/bb C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Chocolate Silver Shaded White	A- bb/bb C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Chocolate Silver Shell White	A- bb/bb C- D- I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Lilac Silver Tabby White	A- bb/bb C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Lilac Silver Shaded White	A- bb/bb C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Lilac Silver Shell White	A- bb/bb C- dd I- oY/oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Red Silver Tabby White	A- C- D- I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a S-
Red Silver Shaded White (red-shaded white)	A- C- D- I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Red Silver Shell White (red chinchilla white, red shell white)	A- C- D- I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Cream Silver Tabby white	A- C- dd I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a S-
Cream Silver Shaded White (Cream-Shaded-White)	A- C- dd I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Cream Silver Shell (cream chinchilla white, cream shell White)	A- C- dd I- OY/OO t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Tortie Silver Tabby White	A- B- C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Tortie Silver Shaded White (Tortie Shaded White)	A- B- C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Tortie Silver Shell White (Tortie Shell White)	A- B- C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Blue Tortie Silver Tabby White	A- B- C- dd I- Oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Blue Tortie Silver Shaded White (Blue Tortie Shaded White)	A- B- C- dd I- Oo T ^a T ^a Wbwb S-
Blue Tortie Silver Shell White (Blue Tortie Shell White)	A- B- C- dd I- Oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Chocolate Tortie Silver Tabby White	A- bb/bb C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Chocolate Tortie Silver Shaded White (Chocolate Tortie Shaded White)	A- bb/bb C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Chocolate Tortie Silver Shell White (Chocolate Tortie Shell White)	A- bb/bb C- D- I- Oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-
Lilac Tortie Silver Tabby White	A- bb/bb C- dd I- Oo t ^{b_i} t ^b /TT/T ^a T ^a S-
Lilac Tortie Silver Shaded White (Lilac Tortie Shaded White)	A- bb/bb C- dd I- Oo t ^{b_i} t ^b /TT/T ^a T ^a Wbwb S-
Lilac Tortie Silver Shell White (Lilac Tortie Shell White)	A- bb/bb C- dd I- Oo t ^{b_i} t ^b /TT/T ^a T ^a WbWb S-

COLORPOINTS (HIMALAYAN) - NONAGOUTI	
Sealpoint	aa B- C- D- oY/oo cscs
Bluepoint	aa B- C- dd oY/oo cscs
Chocolatepoint	aa bb/bb C- D- oY/oo cscs
Lilacpoint	aa bb/bb C- dd oY/oo cscs
Redpoint (flamepoint)	aa C- D- OY/OO cscs
Creampoint	aa C- dd OY/OO cscs
Seal Tortie Point	aa B- C- D- Oo cscs
Blue Tortie Point	aa B- C- dd Oo cscs
Chocolate Tortie Point	aa bb C- D- Oo cscs
Lilac Tortie Point	aa bb C- dd Oo cscs
Seal Smoke Point	aa B- C- D- I- oY/oo cscs
Blue Smoke Point	aa B- C- dd I- oY/oo cscs
Chocolate Smoke Point	aa bb/bb C- D- I- oY/oo cscs
Lilac Smoke Point	aa bb/bb C- dd I- oY/oo cscs
Red Smoke Point	aa C- D- I- OY/OO cscs
Cream Smoke Point	aa C- dd I- OY/OO cscs
Seal Tortie Smoke Point	aa B- C- D- I- Oo cscs
Blue Tortie Smoke Point	aa B- C- dd I- Oo cscs
Chocolate Tortie Smoke Point	aa bb C- D- I- Oo cscs
Lilac Tortie Smoke Point	aa bb C- dd I- Oo cscs

COLORPOINTS (HIMALAYAN)TABBY (LYNX) – AGOUTI Tabby Pattern cannot be determined	
Seal Tabby Point	A- B- C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Blue Tabby Point	A- B- C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Chocolate Tabby Point	A- bb/bb C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Lilac Tabby Point	A- bb/bb C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Red Tabby Point	A- C- D- I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs
Cream Tabby Point	A- C- dd I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs
Seal Tortie Tabby Point	A- B- C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Blue Tortie Tabby Point	A- B- C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Chocolate Tortie Tabby Point	A- bb/bb C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Lilac-Tortie Tabby Point	A- bb/bb C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Seal Silver Tabby Point	A- B- C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Blue Silver Tabby Point	A- B- C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Chocolate Silver Tabby Point	A- bb/bb C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Lilac Silver Tabby Point	A- bb/bb C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs
Red Silver Tabby Point	A- C- D- I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs
Cream Silver Tabby Point	A- C- dd I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs
Seal Tortie Silver Tabby Point	A- B- C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Blue Tortie Silver Tabby Point	A- B- C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Chocolate Tortie Silver Tabby Point	A- bb/bb C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs
Lilac-Tortie Silver Tabby Point	A- bb/bb C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs
COLORPOINTS (HIMALAYAN) SHADED – AGOUTI Tabby Pattern cannot be determined	
Seal Silver Shaded Point	A- B- C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Blue Silver Shaded Point	A- B- C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Chocolate Silver Shaded Point	A- bb/bb C- D- I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Lilac Silver Shaded Point	A- bb/bb C- dd I- oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Red Silver Shaded Point	A- C- D- I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Cream Silver Shaded Point	A- C- dd I- OY/OO t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Seal Tortie Silver Shaded Point	A- B- C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Blue Tortie Silver Shaded Point	A- B- C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Chocolate Tortie Silver Shaded Point	A- bb/bb C- D- I- Oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Lilac-Tortie Silver Shaded Point	A- bb/bb C- dd I- Oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Golden Shaded Point	A- B- C- D- ii oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb
Blue Golden Shaded Point	A- B- C- dd ii oY/oo t ^b t ^b /TT/T ^a T ^a cscs Wbwb

By the persians are not available cinnamon, fawn, caramel and amber. So I don't show the genetic code for them. The Longhair gene is by all Persians II.

OO – female red (dilute: cream)
OY – male red (dilute: cream)
oo – female black (dilute blue)
oy – male black (dilute blue)

A – agouti
a – non-agouti

B – non chocolate (phenotype black, if "o" doesn't present)
b – chocolate (dilute: lavender)

C – whole body color

cs - masks coloring (blue eyes)
cb – Burmesen color (yellow eyes)
cscb – Tonkanese (blue-green eyes)

D – full color
d – Dilution
Dm – dilute modifier (cream to apricot, blue+lavender+fawn to caramel)
dm – non dilute modifier

I – Silver
i – non silver

L – Shorthair
l – Longhair

S – Piebald White Spotting
s – non Piebald White Spotting

Tabby-Variety:

$t^{b,b}$ – blotched (classic) Tabby
TT – mackerel Tabby
$T^a T^a$ - ticked tabby
Sp – spotted

W - epistatic White
w – non epistatic White

Wb – Wide-band (with Silver: homozygous = Chinchilla, heterozygous = silver shaded (without Silver: homozygous = Golden-Chinchilla, heterozygous = golden shaded) The gene doesn't work on non-agouti cats.
wb – non Wide-band

Shaded/Shell are agouti cats and they have tabby pattern, but through the Wb-Gene it is not visible the tabby pattern. The Tabby pattern is invisible through long-term breed. The best shaded/shell you can receive from ticked tabby cats.

What is the silver content of a tabby cat must be with Silver, to name it shaded or shell or even chinchilla varies between the standards of the individual world associations.

Colorpoint – the tabby pattern cannot be determined