

Converting Colors

CIELCh(75, 40.527, 35.443)

Have a look what the booklet for
CIELCh(75, 40.527, 35.443) contains.

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Color

CIELCh(75, 40.584, 35.458)

Conversions

Conversions Part 1

Format	Color
Hex	FEA08F
RGB	254, 160, 143
RGB Percent	100%, 63%, 56%
CMY	0.0033, 0.3720, 0.4387
CMYK	0.00, 0.37, 0.44, 0.00
HSL	9°, 99%, 78%
HSV	9°, 44%, 100%
XYZ	58.4939, 48.2781, 32.2763
YIQ	186.1680, 61.4810, 14.6410

Conversions

Conversions Part 2

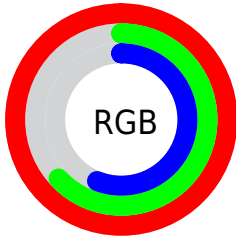
Format	Color
R_{YB}	254, 163, 143
Decimal	16687247
CIE _{Lab}	75.00, 33.06, 23.54
CIE _{LCh}	75, 40.584, 35.458
Yxy	48.2781, 0.4207, 0.3472
Android (android.graphics.Color)	4294877327 (0xFFFEA08F)
YUV	186.1680, -21.2818, 59.4887
Hunter-Lab	69.4824, 28.6762, 21.0961

Details

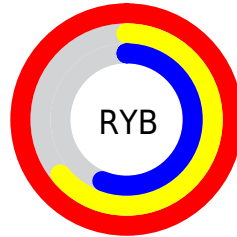
The CIELCh color **75, 40.584, 35.458** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 29.083, 215.640**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.979, 53.263**, and **55, 40.410, 34.965** is the 20% darker color. If you saturate the color by 10%, you get **70, 51.853, 36.354**, and if you desaturate by 10%, it is **80, 30.027, 34.845**.

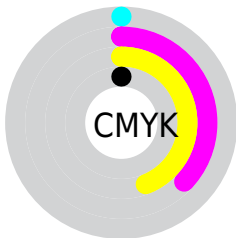
Distribution



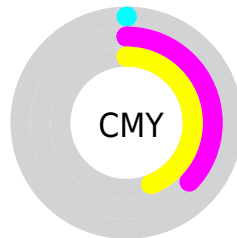
- Red (100%)
- Green (63%)
- Blue (56%)



- Red (100%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.584, 35.458 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 40.584, 35.458 by changing the saturation by 10% instead.

75, 40.584, 35.458

75, 40.584, 35.458

100, 40.584,
35.458

65, 40.584, 35.458

95, 40.584, 35.458

55, 40.584, 35.458

45, 40.584, 35.458

35, 40.584, 35.458

25, 40.584, 35.458

15, 40.584, 35.458

5, 40.584, 35.458

0, 40.584, 35.458

75, 40.584, 35.458

75, 40.584, 35.458

70, 51.853, 36.354

80, 30.027, 34.845

65, 63.691, 37.554

86, 20.238, 34.450

61, 75.771, 39.034

92, 11.208, 34.216

58, 87.391, 40.592

98, 2.892, 33.974

56, 97.000, 41.632

100, 0.293,
201.651

55, 101.326,
41.860

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 40.584, 35.458



89, 29.083, 215.640

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 40.584, 35.458



75, 40.584, 85.458



75, 40.584, 215.458



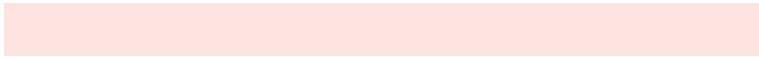
75, 40.584, 265.458

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 40.582, 35.462



92, 10.648, 34.204



74, 61.979, 331.569



48, 7.520, 34.244



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 40.582, 35.462



71, 50.049, 36.184



88, 40.796, 83.930



50, 4.589, 34.144



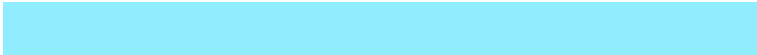
41, 81.428, 42.185



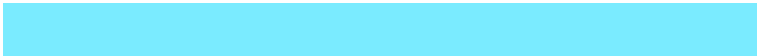
11, 30.661, 34.698

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



89, 29.083, 215.640



87, 33.184, 216.367



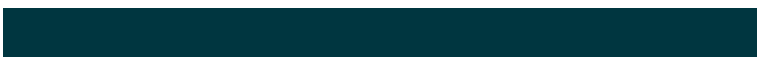
74, 40.125, 277.529



52, 4.315, 214.353



61, 35.088, 225.435



20, 16.215, 221.472

Previews

White Background



This preview shows how the CIELCh color 75, 40.584, 35.458 looks on a white background.

Color Contrast Check

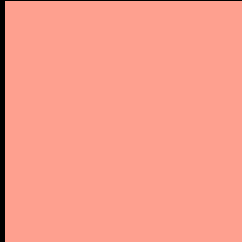
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 40.584, 35.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 40.584, 35.458

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.584, 35.458.



This preview shows how white text looks on a background with the CIELCh color 75, 40.584, 35.458.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75, 40.584, 35.458

Protanopia

75, 16.573, 94.775

Deuteranopia

75, 26.428, 68.290



Tritanopia
75, 39.016, 13.898

Trichromacy



Original Color
75, 40.584, 35.458

Protanomaly
75, 21.619, 58.477

Deuteranomaly
75, 30.170, 52.895

Tritanomaly
75, 39.024, 21.537

Monochromacy



Original Color
75, 40.584, 35.458

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 13.842, 36.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.584, 35.458 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 160, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 160, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.584, 35.458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 160, 143) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 160, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 160, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.584, 35.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 160, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
160, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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