

Converting Colors

CIELCh(75, 39.583, 53.492)

Have a look what the booklet for
CIELCh(75, 39.583, 53.492) contains.

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Color

CIELCh(75, 39.712, 53.579)

Conversions

Conversions Part 1

Format	Color
Hex	F3A77F
RGB	243, 167, 127
RGB Percent	95%, 65%, 50%
CMY	0.0467, 0.3447, 0.5016
CMYK	0.00, 0.31, 0.48, 0.05
HSL	21°, 83%, 73%
HSV	21°, 48%, 95%
XYZ	54.6690, 48.2781, 26.5453
YIQ	185.1640, 58.1360, 3.6720

Conversions

Conversions Part 2

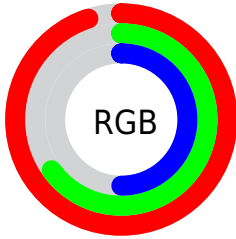
Format	Color
R _Y B	243, 188, 127
Decimal	15968127
CIE Lab	75.00, 23.58, 31.96
CIE LCh	75, 39.712, 53.579
Yxy	48.2781, 0.4222, 0.3728
Android (android.graphics.Color)	4294158207 (0xFFFF3A77F)
YUV	185.1640, -28.6749, 50.7222
Hunter-Lab	69.4824, 18.8501, 25.9864

Details

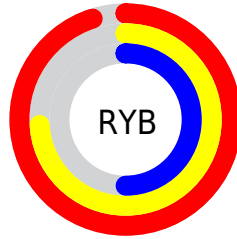
The CIELCh color **75, 39.712, 53.579** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 29.988, 244.269**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.401, 77.762**, and **55, 39.788, 54.059** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.749, 53.056**, and if you desaturate by 10%, it is **79, 30.260, 54.194**.

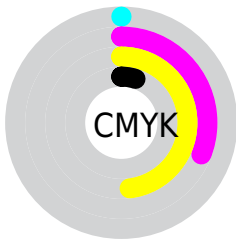
Distribution



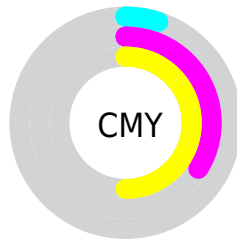
- Red (95%)
- Green (65%)
- Blue (50%)



- Red (95%)
- Yellow (74%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.712, 53.579 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, 39.712, 53.579 by changing the saturation by 10% instead.

75, 39.712, 53.579

75, 39.712, 53.579

100, 39.712,
53.579

65, 39.712, 53.579

95, 39.712, 53.579

55, 39.712, 53.579

45, 39.712, 53.579

35, 39.712, 53.579

25, 39.712, 53.579

15, 39.712, 53.579

5, 39.712, 53.579

0, 39.712, 53.579

75, 39.712, 53.579

75, 39.712, 53.579

71, 49.749, 53.056

79, 30.260, 54.194

67, 60.224, 52.579

83, 21.433, 54.882

64, 70.755, 52.047

88, 13.212, 55.628

61, 80.492, 51.185

92, 5.555, 56.382

58, 88.008, 49.518

97, 1.591, 237.676

57, 89.538, 49.142

99, 4.107, 199.306

Harmonies

Complementary

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



75, 39.712, 53.579



78, 29.988, 244.269

Rectangle

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



75, 39.712, 53.579



75, 39.712, 103.579



75, 39.712, 233.579



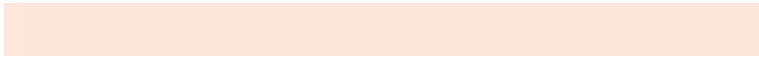
75, 39.712, 283.579

Sweetspot

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



75, 39.711, 53.584



93, 10.707, 55.911



69, 57.415, 339.594



49, 7.449, 55.745



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, 39.711, 53.584



74, 50.967, 53.084



89, 49.796, 96.804



49, 4.137, 56.255



44, 72.844, 49.745



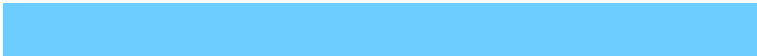
12, 25.550, 46.472

Inverse Universe

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



78, 29.988, 244.269



79, 36.028, 246.768



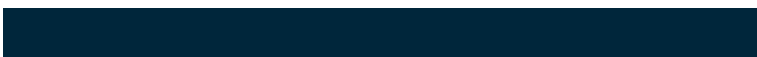
63, 54.026, 290.076



49, 3.952, 238.105



49, 41.786, 264.035



14, 17.171, 256.012

Previews

White Background



This preview shows how the CIELCh color 75, 39.712, 53.579 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, 39.712, 53.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

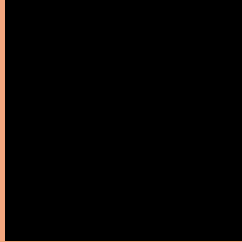
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.712, 53.579

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.712, 53.579.

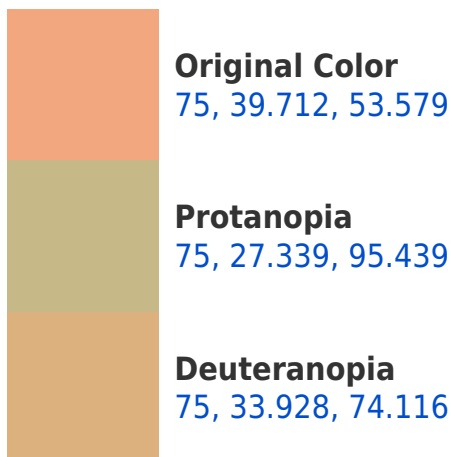


This preview shows how white text looks on a background with the CIELCh color 75, 39.712, 53.579.

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





Tritanopia
75, 34.160, 11.974

Trichromacy



Original Color
75, 39.712, 53.579

Protanomaly
75, 29.407, 76.001

Deuteranomaly
75, 35.281, 65.316

Tritanomaly
75, 34.063, 28.597

Monochromacy



Original Color
75, 39.712, 53.579

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.415, 54.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.712, 53.579 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(243, 167, 127)` looks like.

```
.text, #text, p{  
    color:rgb(243, 167, 127)  
}
```

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(243, 167, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 167, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.712, 53.579 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(243, 167, 127) }
```

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

```
.border{ border-color:rgb(243, 167, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 167, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 167, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 167, 127); box-shadow:4px 4px 4px 4px rgb(243, 167, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.712, 53.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 167, 127) }
```

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

```
.background{ background-color: rgb(243,  
167, 127) }
```

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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