

Converting Colors

CIELCh(66, 38.573, 51.016)

Have a look what the booklet for
CIELCh(66, 38.573, 51.016) contains.

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Color

CIELCh(66, 38.654, 51.109)

Conversions

Conversions Part 1

Format	Color
Hex	D98F6C
RGB	217, 143, 108
RGB Percent	85%, 56%, 42%
CMY	0.1504, 0.4404, 0.5776
CMYK	0.00, 0.34, 0.50, 0.15
HSL	19°, 59%, 64%
HSV	19°, 50%, 85%
XYZ	40.9758, 35.3238, 18.7619
YIQ	161.1360, 55.3390, 4.8030

Conversions

Conversions Part 2

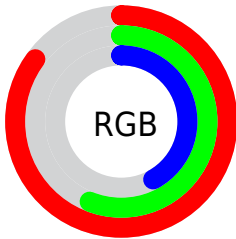
Format	Color
R _Y B	217, 160, 108
Decimal	14258028
CIE Lab	66.00, 24.27, 30.09
CIE LCh	66, 38.654, 51.109
Yxy	35.3238, 0.4310, 0.3716
Android (android.graphics.Color)	4292448108 (0xFFD98F6C)
YUV	161.1360, -26.1960, 48.9927
Hunter-Lab	59.4338, 19.0550, 22.8872

Details

The CIELCh color **66, 38.654, 51.109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 28.187, 241.312**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.939, 59.022**, and **46, 38.609, 50.945** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.021, 50.777**, and if you desaturate by 10%, it is **70, 29.824, 51.550**.

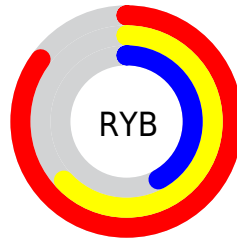
Distribution



Red (85%)

Green (56%)

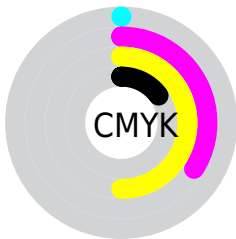
Blue (42%)



Red (85%)

Yellow (63%)

Blue (42%)

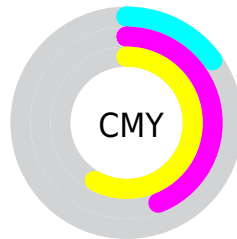


Cyan (0%)

Magenta (34%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 38.654, 51.109 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 66, 38.654, 51.109 by changing the saturation by 10% instead.

66, 38.654, 51.109

66, 38.654, 51.109

100, 38.654,
51.109

56, 38.654, 51.109

86, 38.654, 51.109

46, 38.654, 51.109

96, 38.654, 51.109

36, 38.654, 51.109

26, 38.654, 51.109

16, 38.654, 51.109

6, 38.654, 51.109

0, 38.654, 51.109

66, 38.654, 51.109

66, 38.654, 51.109

62, 48.021, 50.777

70, 29.824, 51.550

59, 57.764, 50.503

74, 21.584, 52.085

56, 67.474, 50.161

78, 13.922, 52.699

53, 76.259, 49.430

82, 6.803, 53.351

51, 82.971, 48.119

86, 0.179, 51.236

91, 6.003, 235.021

95, 10.742,
225.596

97, 12.885,
198.645

Harmonies

Complementary

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



66, 38.654, 51.109



71, 28.187, 241.312

Rectangle

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



66, 38.654, 51.109



66, 38.654, 101.109



66, 38.654, 231.109



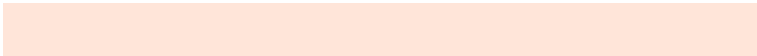
66, 38.654, 281.109

Sweetspot

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



66, 38.653, 51.114



93, 11.526, 53.034



61, 55.445, 339.013



48, 7.926, 52.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 38.653, 51.114



72, 54.598, 50.769



79, 47.033, 95.483



43, 3.707, 53.407



40, 69.092, 48.686



8, 18.109, 39.650

Inverse Universe

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



71, 28.187, 241.312



79, 36.845, 244.026



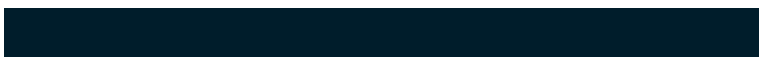
56, 50.971, 289.744



43, 3.533, 235.064



46, 37.448, 259.636



10, 13.464, 248.519

Previews

White Background



This preview shows how the CIELCh color 66, 38.654, 51.109 looks on a white background.

Color Contrast Check

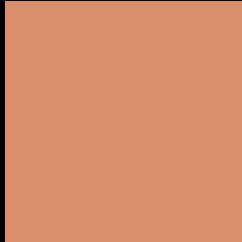
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 38.654, 51.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

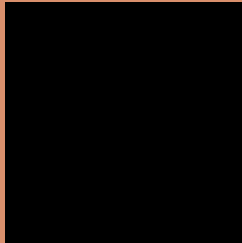
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 38.654, 51.109

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.654, 51.109.

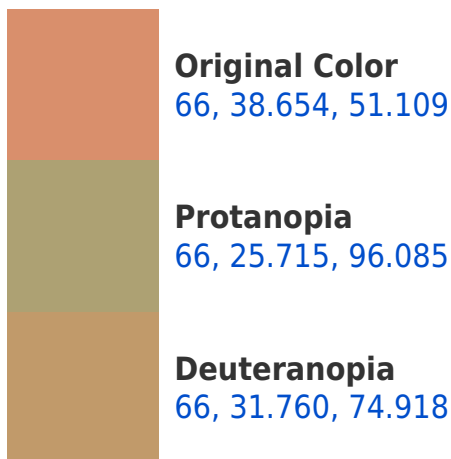


This preview shows how white text looks on a background with the CIELCh color 66, 38.654, 51.109.

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
66, 33.898, 12.953

Trichromacy



Original Color
66, 38.654, 51.109

Protanomaly
66, 27.910, 74.906

Deuteranomaly
66, 33.448, 64.746

Tritanomaly
66, 33.807, 28.237

Monochromacy



Original Color
66, 38.654, 51.109

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.851, 51.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.654, 51.109 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(217, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(217, 143, 108)  
}
```

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(217, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 143, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.654, 51.109 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(217, 143, 108) }
```

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

```
.border{ border-color:rgb(217, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(217, 143,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.654, 51.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 143, 108) }
```

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

```
.background{ background-color: rgb(217,  
143, 108) }
```

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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