

Converting Colors

CIELCh(66, 38.925, 50.443)

Have a look what the booklet for
CIELCh(66, 38.925, 50.443) contains.

CIELCh(66, 38.762, 50.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 38.762, 50.211)

Conversions

Conversions Part 1

Format	Color
Hex	D98E6C
RGB	217, 142, 108
RGB Percent	85%, 56%, 42%
CMY	0.1477, 0.4420, 0.5754
CMYK	0.00, 0.35, 0.50, 0.15
HSL	19°, 59%, 64%
HSV	19°, 50%, 85%
XYZ	41.1510, 35.3238, 18.9146
YIQ	160.5490, 55.6140, 5.3260

Conversions

Conversions Part 2

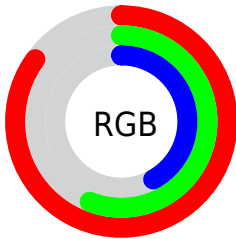
Format	Color
R _Y B	217, 157, 108
Decimal	14257772
CIE Lab	66.00, 24.81, 29.78
CIE LCh	66, 38.762, 50.211
Yxy	35.3238, 0.4314, 0.3703
Android (android.graphics.Color)	4292447852 (0xFFD98E6C)
YUV	160.5490, -25.9067, 49.5075
Hunter-Lab	59.4338, 19.5813, 22.7349

Details

The CIELCh color **66, 38.762, 50.211** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 28.089, 239.909**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.938, 57.887**, and **46, 38.747, 50.036** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.196, 49.947**, and if you desaturate by 10%, it is **70, 29.877, 50.593**.

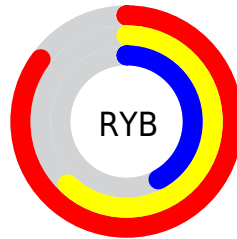
Distribution



Red (85%)

Green (56%)

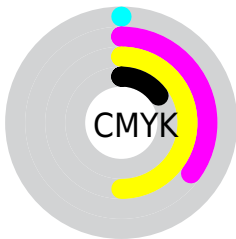
Blue (42%)



Red (85%)

Yellow (62%)

Blue (42%)

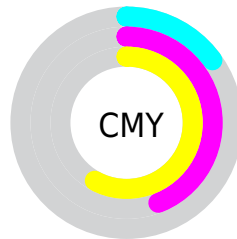


Cyan (0%)

Magenta (35%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 38.762, 50.211 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, 38.762, 50.211 by changing the saturation by 10% instead.

66, 38.762, 50.211

66, 38.762, 50.211

100, 38.762,
50.211

56, 38.762, 50.211

86, 38.762, 50.211

46, 38.762, 50.211

96, 38.762, 50.211

36, 38.762, 50.211

26, 38.762, 50.211

16, 38.762, 50.211

6, 38.762, 50.211

0, 38.762, 50.211

66, 38.762, 50.211

66, 38.762, 50.211

62, 48.196, 49.947

70, 29.877, 50.593

59, 58.019, 49.753

74, 21.591, 51.076

56, 67.826, 49.504

78, 13.894, 51.642

53, 76.724, 48.878

82, 6.750, 52.252

51, 83.592, 47.650

87, 0.109, 48.144

91, 6.083, 233.852

95, 10.680,
221.657

97, 12.666,
198.660

Harmonies

Complementary

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



66, 38.762, 50.211



71, 28.089, 239.909

Rectangle

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



66, 38.762, 50.211



66, 38.762, 100.211



66, 38.762, 230.211



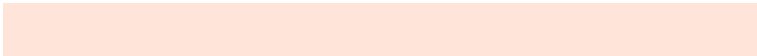
66, 38.762, 280.211

Sweetspot

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



66, 38.761, 50.216



93, 11.539, 51.949



61, 56.077, 338.213



48, 7.935, 51.819



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, 38.761, 50.216



72, 54.777, 49.939



79, 46.405, 94.407



44, 3.783, 52.296



41, 70.233, 48.174



8, 19.547, 39.806

Inverse Universe

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



71, 28.089, 239.909



79, 36.629, 242.584



56, 49.900, 288.837



44, 3.601, 233.887



47, 37.303, 258.054



11, 13.873, 247.704

Previews

White Background



This preview shows how the CIELCh color 66, 38.762, 50.211 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, 38.762, 50.211 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, 38.762, 50.211

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.762, 50.211.

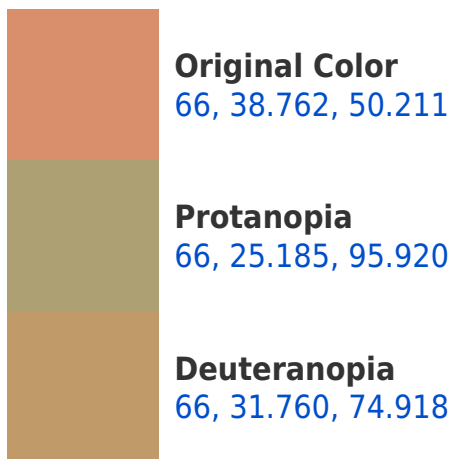


This preview shows how white text looks on a background with the CIELCh color 66, 38.762, 50.211.

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, 13.872

Trichromacy



Original Color
66, 38.762, 50.211

Protanomaly
66, 27.437, 74.392

Deuteranomaly
66, 33.448, 64.746

Tritanomaly
66, 33.807, 28.237

Monochromacy



Original Color
66, 38.762, 50.211

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, 38.762, 50.211 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, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(217, 142, 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, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 142, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.762, 50.211 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, 142, 108) }
```

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

```
.border{ border-color:rgb(217, 142, 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, 142, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(217, 142,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.762, 50.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 142, 108) }
```

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

```
.background{ background-color: rgb(217,  
142, 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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