

Converting Colors

CIELCh(66, 16.042, 30.648)

Have a look what the booklet for
CIELCh(66, 16.042, 30.648) contains.

CIELCh(66, 16.042, 30.648)	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, 16.042, 30.648)

Conversions

Conversions Part 1

Format	Color
Hex	BE9792
RGB	190, 151, 146
RGB Percent	75%, 59%, 57%
CMY	0.2535, 0.4065, 0.4261
CMYK	0.00, 0.20, 0.23, 0.25
HSL	7°, 25%, 66%
HSV	7°, 23%, 75%
XYZ	37.6627, 35.3238, 32.1662
YIQ	162.0910, 24.8490, 6.7130

Conversions

Conversions Part 2

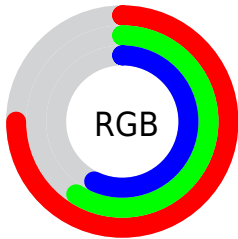
Format	Color
RYB	190, 152, 146
Decimal	12490642
CIELab	66.00, 13.80, 8.18
CIELCh	66, 16.042, 30.648
Yxy	35.3238, 0.3582, 0.3359
Android (android.graphics.Color)	4290680722 (0xFFBE9792)
YUV	162.0910, -7.9329, 24.4762
Hunter-Lab	59.4338, 9.1048, 9.5154

Details

The CIELCh color **66, 16.042, 30.648** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 13.691, 209.936**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 16.151, 29.792**, and **46, 16.038, 29.737** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.940, 31.246**, and if you desaturate by 10%, it is **71, 8.736, 30.241**.

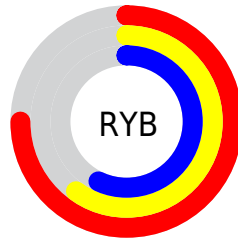
Distribution



Red (75%)

Green (59%)

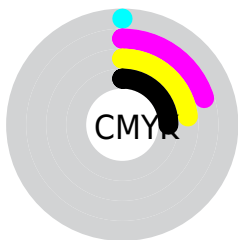
Blue (57%)



Red (75%)

Yellow (60%)

Blue (57%)

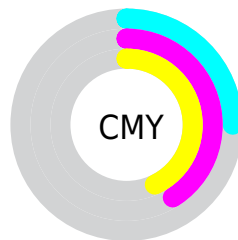


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 16.042, 30.648 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, 16.042, 30.648 by changing the saturation by 10% instead.

66, 16.042, 30.648

66, 16.042, 30.648

100, 16.042,
30.648

56, 16.042, 30.648

86, 16.042, 30.648

46, 16.042, 30.648

96, 16.042, 30.648

36, 16.042, 30.648

26, 16.042, 30.648

16, 16.042, 30.648

6, 16.042, 30.648

0, 16.042, 30.648

66, 16.042, 30.648

66, 16.042, 30.648

61, 23.940, 31.246

71, 8.736, 30.241

■ 57, 32.430, 32.077

■ 76, 1.996, 29.792

■ 53, 41.461, 33.212

■ 80, 4.221, 210.056

■ 49, 50.905, 34.702

■ 85, 9.970, 209.934

■ 46, 60.519, 36.548

■ 90, 15.300,
209.928

■ 43, 69.824, 38.596

■ 95, 20.200,
201.737

■ 41, 77.777, 40.333

■ 40, 82.125, 41.380

■ 96, 20.993,
198.125

Harmonies

Complementary

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



66, 16.042, 30.648



73, 13.691, 209.936

Rectangle

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



66, 16.042, 30.648



66, 16.042, 80.648



66, 16.042, 210.648



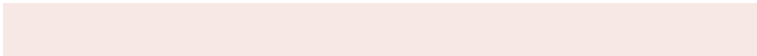
66, 16.042, 260.648

Sweetspot

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



66, 16.041, 30.656



93, 5.622, 30.026



66, 27.255, 328.599



50, 3.692, 30.049



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 16.041, 30.656



81, 24.558, 30.944



71, 16.031, 82.437



37, 3.687, 30.108



33, 71.129, 41.423



3, 11.355, 26.503

Inverse Universe

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



73, 13.691, 209.936



91, 20.115, 209.990



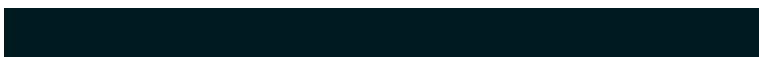
67, 15.629, 268.861



39, 3.473, 209.991



53, 30.958, 216.716



8, 10.078, 213.332

Previews

White Background



This preview shows how the CIELCh color 66, 16.042, 30.648 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 66, 16.042, 30.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

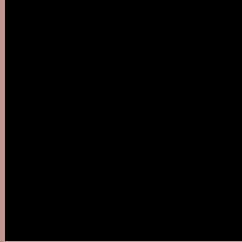
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 16.042, 30.648

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.042, 30.648.



This preview shows how white text looks on a background with the CIELCh color 66, 16.042, 30.648.

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

66, 16.042, 30.648

Protanopia

66, 5.480, 84.252

Deuteranopia

66, 11.975, 44.621



Tritanopia
66, 18.003, 359.736

Trichromacy



Original Color
66, 16.042, 30.648

Protanomaly
66, 8.407, 51.476

Deuteranomaly
66, 13.292, 39.707

Tritanomaly
66, 16.502, 9.522

Monochromacy



Original Color
66, 16.042, 30.648

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 5.559, 31.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.042, 30.648 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(190, 151, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 146)  
}
```

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(190, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.042, 30.648 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(190, 151, 146) }
```

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

```
.border{ border-color:rgb(190, 151, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.042, 30.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 146) }
```

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

```
.background{ background-color: rgb(190,  
151, 146) }
```

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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