

Converting Colors

CIELCh(66, 18.108, 51.493)

Have a look what the booklet for
CIELCh(66, 18.108, 51.493) contains.

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Color

CIELCh(66, 18.080, 51.501)

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | BE9988 |
| RGB | 190, 153, 136 |
| RGB Percent | 75%, 60%, 53% |
| CMY | 0.2565, 0.4014, 0.4681 |
| CMYK | 0.00, 0.20, 0.28, 0.26 |
| HSL | 19°, 29%, 64% |
| HSV | 19°, 28%, 74% |
| XYZ | 36.8847, 35.3238, 28.0307 |
| YIQ | 162.1250, 27.5090, 2.5570 |

Conversions

Conversions Part 2

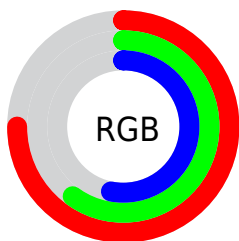
| Format | Color |
|-------------------------------------|---|
| RYB | 190, 161, 136 |
| Decimal | 12491144 |
| CIELab | 66.00, 11.25, 14.15 |
| CIELCh | 66, 18.080, 51.501 |
| Yxy | 35.3238, 0.3680, 0.3524 |
| Android (android.graphics.Color) | 4290681224 (0xFFBE9988) |
| YUV | 162.1250, -12.8796, 24.4464 |
| Hunter-Lab | 59.4338, 6.7682, 13.6408 |

Details

The CIELCh color **66, 18.080, 51.501** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 15.349, 236.348**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 18.185, 51.254**, and **46, 18.288, 51.670** is the 20% darker color. If you saturate the color by 10%, you get **62, 25.379, 50.995**, and if you desaturate by 10%, it is **70, 11.295, 52.098**.

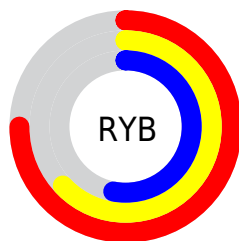
Distribution



Red (75%)

Green (60%)

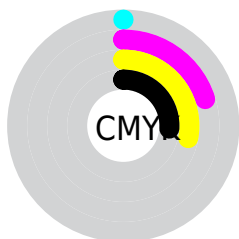
Blue (53%)



Red (75%)

Yellow (63%)

Blue (53%)

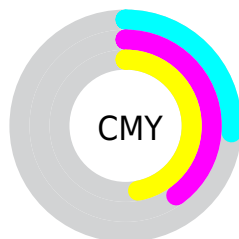


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 18.080, 51.501 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, 18.080, 51.501 by changing the saturation by 10% instead.

 66, 18.080, 51.501

 66, 18.080, 51.501

 100, 18.080,
51.501

 56, 18.080, 51.501

 86, 18.080, 51.501

 46, 18.080, 51.501

 96, 18.080, 51.501

 36, 18.080, 51.501

 26, 18.080, 51.501

 16, 18.080, 51.501

 6, 18.080, 51.501

 0, 18.080, 51.501

 66, 18.080, 51.501

 66, 18.080, 51.501

 62, 25.379, 50.995

 70, 11.295, 52.098

 59, 33.209, 50.580

 74, 4.990, 52.713


 55, 41.540, 50.270

 77, 0.879, 234.066


 52, 50.259, 50.042

 81, 6.359, 234.339


 49, 59.072, 49.800

 85, 11.494,
235.061


 47, 67.322, 49.285

 89, 16.327,
235.809

 45, 74.072, 48.193

 93, 18.260,
217.380

 44, 75.110, 48.100

 96, 21.216,
198.111

Harmonies

Complementary

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



66, 18.080, 51.501



68, 15.349, 236.348

Rectangle

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



66, 18.080, 51.501



66, 18.080, 101.501



66, 18.080, 231.501



66, 18.080, 281.501

Sweetspot

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



66, 18.079, 51.509



93, 6.601, 52.673



63, 29.110, 336.316



49, 4.650, 52.585



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, 18.079, 51.509



81, 27.429, 51.185



73, 23.665, 97.109



38, 3.339, 52.661



37, 65.328, 48.577



4, 10.289, 41.589

Inverse Universe

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



68, 15.349, 236.348



85, 22.359, 237.254



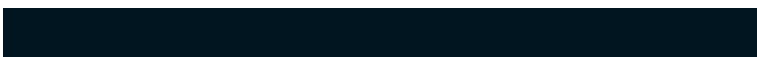
61, 24.447, 284.342



38, 3.183, 234.251



43, 34.885, 258.178



6, 9.762, 247.561

Previews

White Background



This preview shows how the CIELCh color 66, 18.080, 51.501 looks on a white background.

Color Contrast Check

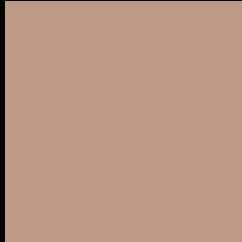
Large Text (above 18pt) WCAG AA × Fail

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, 18.080, 51.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

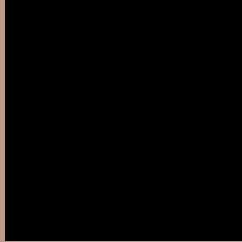
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 18.080, 51.501

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.080, 51.501.



This preview shows how white text looks on a background with the CIELCh color 66, 18.080, 51.501.

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, 18.080, 51.501

Protanopia

66, 12.014, 93.374

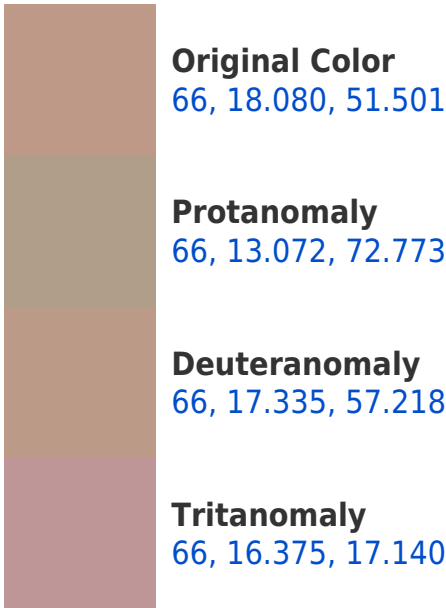
Deuteranopia

66, 16.665, 58.933

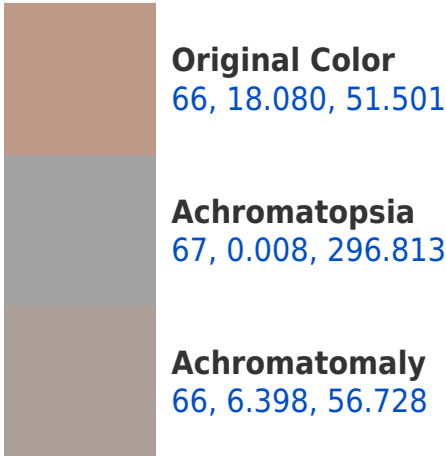


Tritanopia
66, 18.003, 359.736

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.080, 51.501 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, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(190, 153, 136)  
}
```

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, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 153, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.080, 51.501 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, 153, 136) }
```

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

```
.border{ border-color:rgb(190, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(190, 153,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.080, 51.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 153, 136) }
```

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

```
.background{ background-color: rgb(190,  
153, 136) }
```

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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