

Converting Colors

CIELCh(48, 8.404, 186.375)

Have a look what the booklet for
CIELCh(48, 8.404, 186.375) contains.

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Color

CIELCh(48, 8.411, 186.317)

Conversions

Conversions Part 1

Format	Color
Hex	617673
RGB	97, 118, 115
RGB Percent	38%, 46%, 45%
CMY	0.6189, 0.5365, 0.5483
CMYK	0.18, 0.00, 0.03, 0.54
HSL	171°, 10%, 42%
HSV	171°, 18%, 46%
XYZ	14.5549, 16.7945, 18.7503
YIQ	111.3790, -11.5530, -5.3850

Conversions

Conversions Part 2

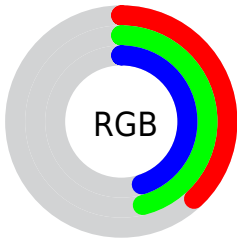
Format	Color
R_{YB}	97, 108, 118
Decimal	6387315
CIE _{Lab}	48.00, -8.36, -0.93
CIE _{LCh}	48, 8.411, 186.317
Yxy	16.7945, 0.2905, 0.3352
Android (android.graphics.Color)	4284577395 (0xFF617673)
YUV	111.3790, 1.7852, -12.6104
Hunter-Lab	40.9810, -8.3203, 1.5595

Details

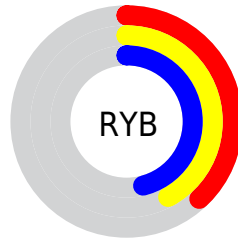
The CIELCh color **48, 8.411, 186.317** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 9.109, 9.270**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 8.293, 187.221**, and **28, 8.629, 184.972** is the 20% darker color. If you saturate the color by 10%, you get **47, 12.855, 185.459**, and if you desaturate by 10%, it is **49, 3.742, 187.175**.

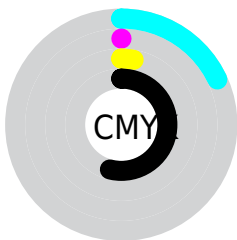
Distribution



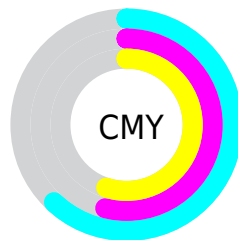
- Red (38%)
- Green (46%)
- Blue (45%)



- Red (38%)
- Yellow (42%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 8.411, 186.317 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 48, 8.411, 186.317 by changing the saturation by 10% instead.

■ 48, 8.411, 186.317

■ 48, 8.411, 186.317

■ 100, 8.411,
186.317

■ 38, 8.411, 186.317

■ 68, 8.411, 186.317

■ 28, 8.411, 186.317

■ 78, 8.411, 186.317

■ 18, 8.411, 186.317

■ 88, 8.411, 186.317

■ 8, 8.411, 186.317

■ 98, 8.411, 186.317

■ 0, 8.411, 186.317

■ 48, 8.411, 186.317

■ 48, 8.411, 186.317

■ 47, 12.855,
185.459

■ 49, 3.742, 187.175

■ 46, 16.998,

■ 50, 1.089, 7.539

184.580

51, 6.022, 8.576

46, 20.768,
183.661

52, 11.010, 9.354

45, 24.095,
182.688

54, 16.013, 10.097

45, 26.920,
181.644

55, 21.001, 10.819

45, 29.208,
180.511

56, 25.951, 11.523

44, 30.953,
179.272

58, 30.847, 12.208

44, 32.285,
177.956

44, 32.579,
177.674

Harmonies

Complementary

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



48, 8.411, 186.317



43, 9.109, 9.270

Rectangle

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



48, 8.411, 186.317



48, 8.411, 236.317



48, 8.411, 6.317



48, 8.411, 56.317

Sweetspot

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



48, 8.412, 186.311



63, 2.984, 187.434



48, 14.442, 139.424



32, 2.022, 187.377



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



48, 8.412, 186.311



61, 12.185, 185.994



46, 6.739, 239.564



24, 2.688, 187.061



46, 33.426, 177.614



89, 57.198, 176.726

Inverse Universe

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



43, 9.109, 9.270



54, 13.434, 9.685



45, 7.334, 56.301



23, 2.797, 8.378



24, 54.962, 31.424



52, 96.041, 34.367

Previews

White Background



This preview shows how the CIELCh color 48, 8.411, 186.317 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 48, 8.411, 186.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

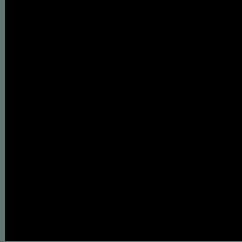
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

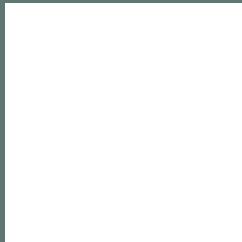
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 8.411, 186.317

Background



This preview shows how black text looks on a background with the CIELCh color 48, 8.411, 186.317.



This preview shows how white text looks on a background with the CIELCh color 48, 8.411, 186.317.

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

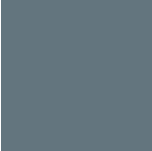
48, 8.411, 186.317

Protanopia

48, 1.353, 45.012

Deuteranopia

48, 6.726, 342.412



Tritanopia
48, 8.465, 237.817

Trichromacy



Original Color
48, 8.411, 186.317

Protanomaly
48, 2.701, 173.359

Deuteranomaly
48, 1.825, 303.158

Tritanomaly
48, 7.728, 221.243

Monochromacy



Original Color
48, 8.411, 186.317

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 2.876, 187.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 8.411, 186.317 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(97, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 118, 115)  
}
```

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(97, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 118, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 8.411, 186.317 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(97, 118, 115) }
```

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

```
.border{ border-color:rgb(97, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 118,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 8.411, 186.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 118, 115) }
```

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

```
.background{ background-color: rgb(97, 118,  
115) }
```

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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