

Converting Colors

CIELCh(48, 16.846, 21.515)

Have a look what the booklet for
CIELCh(48, 16.846, 21.515) contains.

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Color

CIELCh(48, 16.811, 21.498)

Conversions

Conversions Part 1

Format	Color
Hex	8F6868
RGB	143, 104, 104
RGB Percent	56%, 41%, 41%
CMY	0.4385, 0.5915, 0.5915
CMYK	0.00, 0.27, 0.27, 0.44
HSL	0°, 16%, 49%
HSV	0°, 27%, 56%
XYZ	18.8348, 16.7945, 15.3913
YIQ	115.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

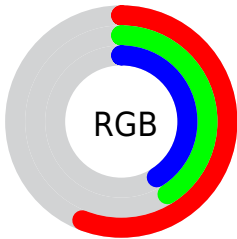
Format	Color
R_{YB}	143, 104, 104
Decimal	9398376
CIE _{Lab}	48.00, 15.64, 6.16
CIE _{LCh}	48, 16.811, 21.498
Yxy	16.7945, 0.3692, 0.3292
Android (android.graphics.Color)	4287588456 (0xFF8F6868)
YUV	115.6610, -5.7489, 23.9763
Hunter-Lab	40.9810, 10.3212, 6.4191

Details

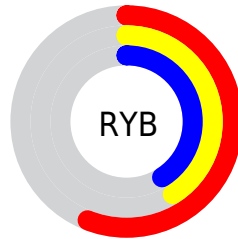
The CIELCh color **48, 16.811, 21.498** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 14.063, 198.096**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 17.133, 20.988**, and **28, 16.851, 22.590** is the 20% darker color. If you saturate the color by 10%, you get **44, 23.811, 22.736**, and if you desaturate by 10%, it is **52, 10.248, 20.542**.

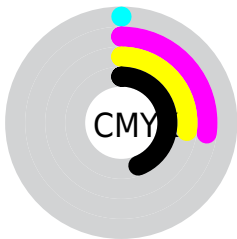
Distribution



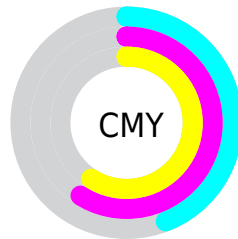
- Red (56%)
- Green (41%)
- Blue (41%)



- Red (56%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (44%)





















- Cyan (44%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 16.811, 21.498 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, 16.811, 21.498 by changing the saturation by 10% instead.

 48, 16.811, 21.498	 48, 16.811, 21.498
 100, 16.811, 21.498	 38, 16.811, 21.498
 68, 16.811, 21.498	 28, 16.811, 21.498
 78, 16.811, 21.498	 18, 16.811, 21.498
 88, 16.811, 21.498	 8, 16.811, 21.498
 98, 16.811, 21.498	 0, 16.811, 21.498

 48, 16.811, 21.498	 48, 16.811, 21.498
 44, 23.811, 22.736	 52, 10.248, 20.542
 40, 31.185, 24.332	 56, 4.144, 19.747

37, 38.801, 26.394

61, 1.514, 199.560

34, 46.458, 29.011

65, 6.758, 198.883

32, 53.883, 32.185

69, 11.626,
198.492

30, 60.644, 35.663

74, 16.159,
198.187

29, 65.904, 38.538

29, 67.237, 39.179

78, 20.397,
197.942

83, 24.376,
197.740

87, 28.128,
197.574

Harmonies

Complementary

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



48, 16.811, 21.498



57, 14.063, 198.096

Rectangle

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



48, 16.811, 21.498



48, 16.811, 71.498



48, 16.811, 201.498



48, 16.811, 251.498

Sweetspot

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



48, 16.810, 21.503



71, 5.687, 19.819



49, 27.232, 325.876



37, 4.095, 19.926



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



48, 16.810, 21.503



59, 25.813, 22.261



53, 14.110, 72.134



28, 3.246, 19.897



27, 64.130, 38.800



0, 2.121, 19.414

Inverse Universe

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



57, 14.063, 198.096



72, 20.593, 197.819



51, 13.129, 259.444



30, 3.069, 199.015



51, 31.263, 196.402



2, 2.121, 199.431

Previews

White Background



This preview shows how the CIELCh color 48, 16.811, 21.498 looks on a white background.

Color Contrast Check

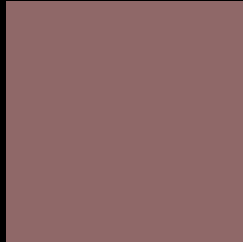
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 16.811, 21.498 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, 16.811, 21.498

Background



This preview shows how black text looks on a background with the CIELCh color 48, 16.811, 21.498.

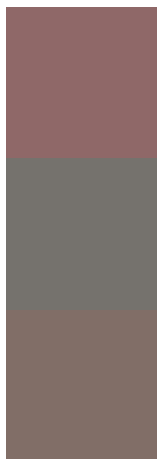


This preview shows how white text looks on a background with the CIELCh color 48, 16.811, 21.498.

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, 16.811, 21.498

Protanopia

48, 3.175, 86.777

Deuteranopia

48, 9.139, 46.792



Tritanopia
48, 17.833, 6.627

Trichromacy



Original Color
48, 16.811, 21.498

Protanomaly
48, 7.387, 33.911

Deuteranomaly
48, 11.594, 35.204

Tritanomaly
48, 17.685, 10.342

Monochromacy



Original Color
48, 16.811, 21.498

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 5.805, 20.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 16.811, 21.498 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(143, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 104, 104)  
}
```

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(143, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 104, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 16.811, 21.498 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(143, 104, 104) }
```

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

```
.border{ border-color:rgb(143, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 104,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 16.811, 21.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 104, 104) }
```

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

```
.background{ background-color: rgb(143,  
104, 104) }
```

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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