

Converting Colors

CIELCh(48, 20.720, 17.893)

Have a look what the booklet for
CIELCh(48, 20.720, 17.893) contains.

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Color

CIELCh(48, 20.748, 17.318)

Conversions

Conversions Part 1

Format	Color
Hex	956568
RGB	149, 101, 104
RGB Percent	58%, 40%, 41%
CMY	0.4144, 0.6027, 0.5909
CMYK	0.00, 0.32, 0.30, 0.41
HSL	356°, 19%, 49%
HSV	356°, 32%, 59%
XYZ	19.6539, 16.7945, 15.3844
YIQ	115.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

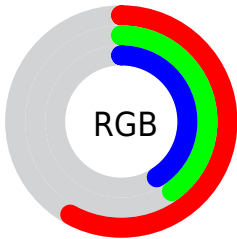
Format	Color
R_{YB}	149, 101, 104
Decimal	9790824
CIE _{Lab}	48.00, 19.81, 6.18
CIE _{LCh}	48, 20.748, 17.318
Yxy	16.7945, 0.3792, 0.3240
Android (android.graphics.Color)	4287980904 (0xFF956568)
YUV	115.6940, -5.7651, 29.2094
Hunter-Lab	40.9810, 13.8890, 6.4290

Details

The CIELCh color **48, 20.748, 17.318** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 17.165, 192.097**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 20.803, 16.915**, and **28, 21.120, 16.909** is the 20% darker color. If you saturate the color by 10%, you get **44, 27.995, 18.853**, and if you desaturate by 10%, it is **52, 13.842, 16.105**.

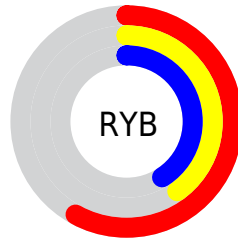
Distribution



Red (58%)

Green (40%)

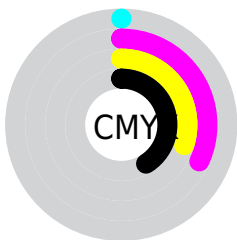
Blue (41%)



Red (58%)

Yellow (40%)

Blue (41%)

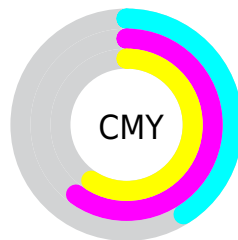


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (41%)



Cyan (41%)

Magenta (60%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 20.748, 17.318 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, 20.748, 17.318 by changing the saturation by 10% instead.

■ 48, 20.748, 17.318

■ 48, 20.748, 17.318

■ 100, 20.748,
17.318

■ 38, 20.748, 17.318

■ 68, 20.748, 17.318

■ 28, 20.748, 17.318

■ 78, 20.748, 17.318

■ 18, 20.748, 17.318

■ 88, 20.748, 17.318

■ 8, 20.748, 17.318

■ 98, 20.748, 17.318

■ 0, 20.748, 17.318

■ 48, 20.748, 17.318

■ 48, 20.748, 17.318

■ 44, 27.995, 18.853

■ 52, 13.842, 16.105

■ 40, 35.469, 20.799

■ 56, 7.341, 15.111

37, 42.984, 23.277

61, 1.260, 14.038

35, 50.308, 26.384

65, 4.414, 193.838

32, 57.184, 30.119

70, 9.708, 193.242

31, 63.287, 34.213

74, 14.655,
192.768

31, 67.350, 36.866

79, 19.293,
192.368

83, 23.656,
192.022

88, 27.776,
191.720

Harmonies

Complementary

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



48, 20.748, 17.318



58, 17.165, 192.097

Rectangle

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



48, 20.748, 17.318



48, 20.748, 67.318



48, 20.748, 197.318



48, 20.748, 247.318

Sweetspot

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



48, 20.746, 17.322



73, 7.417, 14.933



49, 32.637, 324.204



37, 5.068, 15.048



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



48, 20.746, 17.322



58, 31.823, 18.456



53, 17.033, 64.410



29, 3.350, 14.842



28, 63.124, 36.408



1, 2.843, 14.229

Inverse Universe

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



48, 20.746, 17.322



58, 31.823, 18.456



52, 15.042, 252.540



29, 3.350, 14.842



28, 63.124, 36.408



1, 2.843, 14.229

Previews

White Background



This preview shows how the CIELCh color 48, 20.748, 17.318 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, 20.748, 17.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

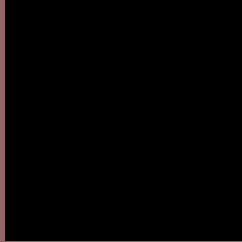
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 20.748, 17.318

Background



This preview shows how black text looks on a background with the CIELCh color 48, 20.748, 17.318.



This preview shows how white text looks on a background with the CIELCh color 48, 20.748, 17.318.

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, 20.748, 17.318

Protanopia

48, 2.137, 74.714

Deuteranopia

48, 9.534, 45.646



Tritanopia
48, 21.195, 11.211

Trichromacy



Original Color
48, 20.748, 17.318

Protanomaly
48, 8.398, 20.375

Deuteranomaly
48, 13.177, 31.068

Tritanomaly
48, 21.167, 12.776

Monochromacy



Original Color
48, 20.748, 17.318

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 7.090, 15.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 20.748, 17.318 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(149, 101, 104)` looks like.

```
.text, #text, p{  
    color:rgb(149, 101, 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(149, 101, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 101, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 20.748, 17.318 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(149, 101, 104) }
```

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

```
.border{ border-color:rgb(149, 101, 104) }
```

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

Here you see how a box with a 4 pixel rgb(149, 101, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 101, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 101, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 101,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 20.748, 17.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 101, 104) }
```

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

```
.background{ background-color: rgb(149,  
101, 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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