

Converting Colors

CIELCh(52, 17.618, 12.041)

Have a look what the booklet for
CIELCh(52, 17.618, 12.041) contains.

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Color

CIELCh(52, 17.767, 12.288)

Conversions

Conversions Part 1

Format	Color
Hex	9B7176
RGB	155, 113, 118
RGB Percent	61%, 44%, 46%
CMY	0.3915, 0.5562, 0.5366
CMYK	0.00, 0.27, 0.24, 0.39
HSL	353°, 17%, 53%
HSV	353°, 27%, 61%
XYZ	22.7541, 20.1443, 19.8792
YIQ	126.1280, 23.4270, 10.4590

Conversions

Conversions Part 2

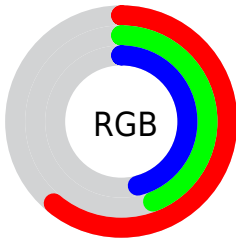
Format	Color
R _Y B	155, 113, 118
Decimal	10187126
CIE Lab	52.00, 17.36, 3.78
CIE LCh	52, 17.767, 12.288
Yxy	20.1443, 0.3625, 0.3209
Android (android.graphics.Color)	4288377206 (0xFF9B7176)
YUV	126.1280, -4.0071, 25.3207
Hunter-Lab	44.8824, 11.9501, 5.1571

Details

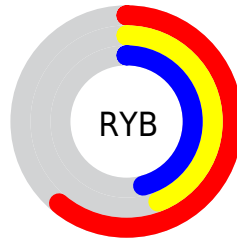
The CIELCh color $52, 17.767, 12.288$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $61, 15.488, 187.488$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 17.711, 12.268$, and $32, 17.693, 12.501$ is the 20% darker color. If you saturate the color by 10%, you get $48, 24.974, 13.729$, and if you desaturate by 10%, it is $56, 10.880, 11.117$.

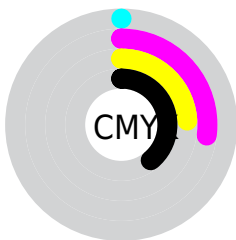
Distribution



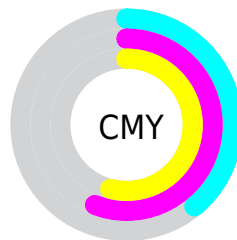
- Red (61%)
- Green (44%)
- Blue (46%)



- Red (61%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 17.767, 12.288 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 52, 17.767, 12.288 by changing the saturation by 10% instead.

■ 52, 17.767, 12.288

■ 52, 17.767, 12.288

■ 100, 17.767,
12.288

■ 42, 17.767, 12.288

■ 72, 17.767, 12.288

■ 32, 17.767, 12.288

■ 82, 17.767, 12.288

■ 22, 17.767, 12.288

■ 92, 17.767, 12.288

■ 12, 17.767, 12.288

■ 2, 17.767, 12.288

■ 0, 17.767, 12.288

■ 52, 17.767, 12.288

■ 52, 17.767, 12.288

■ 48, 24.974, 13.729

■ 56, 10.880, 11.117

■ 44, 32.397, 15.521

■ 61, 4.371, 10.100

40, 39.861, 17.783

65, 1.750, 189.650

37, 47.132, 20.642

70, 7.494, 188.774

35, 53.963, 24.204

75, 12.886,
188.160

33, 60.150, 28.454

79, 17.956,
187.636

32, 65.589, 33.003

84, 22.738,
187.177

32, 67.135, 34.146

89, 27.262,
186.768

93, 31.557,
186.402

Harmonies

Complementary

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



52, 17.767, 12.288



61, 15.488, 187.488

Rectangle

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



52, 17.767, 12.288



52, 17.767, 62.288



52, 17.767, 192.288



52, 17.767, 242.288

Sweetspot

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



52, 17.765, 12.293



77, 6.136, 10.209



53, 27.888, 322.001



40, 4.415, 10.351



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 17.765, 12.293



64, 26.368, 13.052



56, 14.440, 57.454



30, 3.476, 10.314



28, 62.046, 33.687



1, 3.655, 9.773

Inverse Universe

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



52, 17.765, 12.293



64, 26.368, 13.052



57, 12.651, 243.075



30, 3.476, 10.314



28, 62.046, 33.687



1, 3.655, 9.773

Previews

White Background



This preview shows how the CIELCh color 52, 17.767, 12.288 looks on a white background.

Color Contrast Check

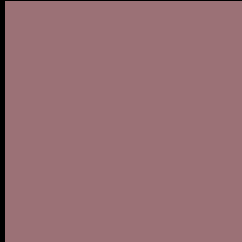
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 17.767, 12.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

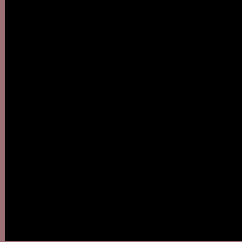
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 17.767, 12.288

Background



This preview shows how black text looks on a background with the CIELCh color 52, 17.767, 12.288.



This preview shows how white text looks on a background with the CIELCh color 52, 17.767, 12.288.

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

52, 17.767, 12.288

Protanopia

52, 0.801, 19.007

Deuteranopia

52, 8.083, 32.542



Tritanopia
52, 18.367, 7.217

Trichromacy



Original Color
52, 17.767, 12.288

Protanomaly
52, 7.037, 10.722

Deuteranomaly
52, 11.292, 23.559

Tritanomaly
52, 18.289, 8.986

Monochromacy



Original Color
52, 17.767, 12.288

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 6.618, 10.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 17.767, 12.288 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(155, 113, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 113, 118)  
}
```

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(155, 113, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 113, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 17.767, 12.288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

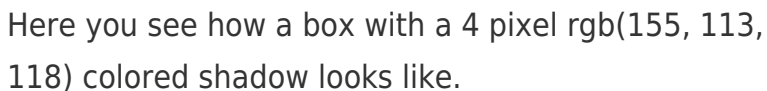
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 113, 118) }
```

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

```
.border{ border-color:rgb(155, 113, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 113, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 113, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 113, 118); box-shadow:4px 4px 4px 4px rgb(155, 113, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 17.767, 12.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 113, 118) }
```

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

```
.background{ background-color: rgb(155,  
113, 118) }
```

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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