

Converting Colors

CIELCh(52, 9.738, 17.196)

Have a look what the booklet for
CIELCh(52, 9.738, 17.196) contains.

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Color

CIELCh(52, 9.947, 17.197)

Conversions

Conversions Part 1

Format	Color
Hex	8E7677
RGB	142, 118, 119
RGB Percent	56%, 46%, 47%
CMY	0.4419, 0.5361, 0.5322
CMYK	0.00, 0.17, 0.16, 0.44
HSL	358°, 10%, 51%
HSV	358°, 17%, 56%
XYZ	21.0698, 20.1443, 20.3242
YIQ	125.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

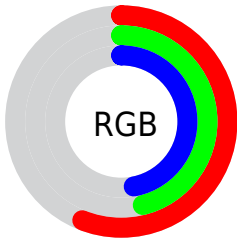
Format	Color
R_{YB}	142, 118, 119
Decimal	9336439
CIE Lab	52.00, 9.50, 2.94
CIE LCh	52, 9.947, 17.197
Yxy	20.1443, 0.3424, 0.3273
Android (android.graphics.Color)	4287526519 (0xFF8E7677)
YUV	125.2900, -3.1010, 14.6547
Hunter-Lab	44.8824, 5.2515, 4.5693

Details

The CIELCh color **52, 9.947, 17.197** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 9.020, 194.944**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 10.035, 17.152**, and **32, 9.588, 17.231** is the 20% darker color. If you saturate the color by 10%, you get **48, 16.400, 18.248**, and if you desaturate by 10%, it is **56, 3.909, 16.319**.

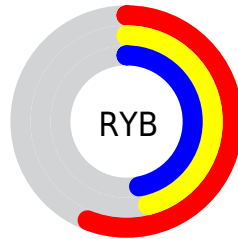
Distribution



Red (56%)

Green (46%)

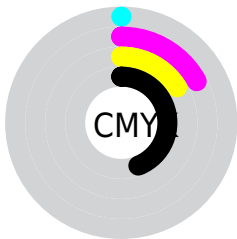
Blue (47%)



Red (56%)

Yellow (46%)

Blue (47%)

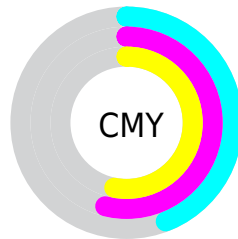


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 9.947, 17.197 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, 9.947, 17.197 by changing the saturation by 10% instead.

 52, 9.947, 17.197  52, 9.947, 17.197

 100, 9.947, 17.197  42, 9.947, 17.197

 72, 9.947, 17.197  32, 9.947, 17.197

 82, 9.947, 17.197  22, 9.947, 17.197

 92, 9.947, 17.197  12, 9.947, 17.197

 2, 9.947, 17.197

 0, 9.947, 17.197

 52, 9.947, 17.197  52, 9.947, 17.197

 48, 16.400, 18.248  56, 3.909, 16.319

 44, 23.245, 19.555  60, 1.715, 196.012

40, 30.404, 21.220

65, 6.950, 195.281

37, 37.743, 23.349

69, 11.830,
194.802

34, 45.063, 26.047

74, 16.390,
194.410

32, 52.123, 29.365

30, 58.624, 33.171

78, 20.667,
194.079

29, 64.062, 36.749

82, 24.694,
193.796

29, 65.500, 37.474

87, 28.501,
193.549

91, 32.114,
193.334

Harmonies

Complementary

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



52, 9.947, 17.197



57, 9.020, 194.944

Rectangle

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



52, 9.947, 17.197



52, 9.947, 67.197



52, 9.947, 197.197



52, 9.947, 247.197

Sweetspot

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



52, 9.946, 17.205



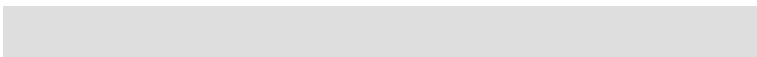
73, 3.519, 16.154



53, 16.522, 323.930



38, 2.425, 16.215



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 9.946, 17.205



65, 14.863, 17.552



55, 8.274, 67.912



28, 3.248, 16.521



27, 62.816, 37.140



0, 2.127, 15.951

Inverse Universe

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



52, 9.946, 17.205



65, 14.863, 17.552



54, 7.826, 252.000



28, 3.248, 16.521



27, 62.816, 37.140



0, 2.127, 15.951

Previews

White Background



This preview shows how the CIELCh color 52, 9.947, 17.197 looks on a white background.

Color Contrast Check

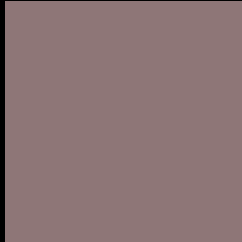
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 9.947, 17.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

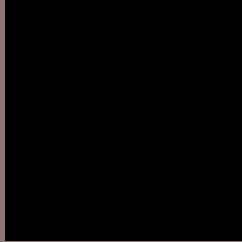
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 9.947, 17.197

Background



This preview shows how black text looks on a background with the CIELCh color 52, 9.947, 17.197.



This preview shows how white text looks on a background with the CIELCh color 52, 9.947, 17.197.

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, 9.947, 17.197

Protanopia

52, 1.662, 63.322

Deuteranopia

52, 7.445, 24.614



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 9.947, 17.197

Protanomaly
52, 4.517, 27.146

Deuteranomaly
52, 8.675, 20.344

Tritanomaly
52, 11.346, 359.884

Monochromacy



Original Color
52, 9.947, 17.197

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 3.682, 10.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 9.947, 17.197 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(142, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(142, 118, 119)  
}
```

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(142, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 118, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 9.947, 17.197 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(142, 118, 119) }
```

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

```
.border{ border-color:rgb(142, 118, 119) }
```

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

Here you see how a box with a 4 pixel rgb(142, 118, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(142, 118,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 9.947, 17.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 118, 119) }
```

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

```
.background{ background-color: rgb(142,  
118, 119) }
```

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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