

Converting Colors

CIELCh(52, 16.953, 55.653)

Have a look what the booklet for
CIELCh(52, 16.953, 55.653) contains.

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Color

CIELCh(52, 16.920, 55.668)

Conversions

Conversions Part 1

Format	Color
Hex	957665
RGB	149, 118, 101
RGB Percent	58%, 46%, 40%
CMY	0.4174, 0.5388, 0.6054
CMYK	0.00, 0.21, 0.32, 0.42
HSL	21°, 19%, 49%
HSV	21°, 32%, 58%
XYZ	21.0782, 20.1443, 14.9893
YIQ	125.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

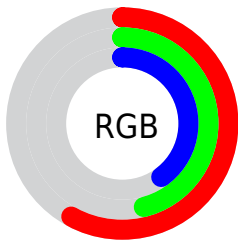
Format	Color
R_{YB}	149, 127, 101
Decimal	9795173
CIE _{Lab}	52.00, 9.54, 13.97
CIE _{LCh}	52, 16.920, 55.668
Yxy	20.1443, 0.3750, 0.3584
Android (android.graphics.Color)	4287985253 (0xFF957665)
YUV	125.3310, -11.9952, 20.7577
Hunter-Lab	44.8824, 5.2850, 11.6167

Details

The CIELCh color $52, 16.920, 55.668$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 14.318, 242.225$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 16.935, 55.209$, and $32, 16.932, 56.862$ is the 20% darker color. If you saturate the color by 10%, you get $49, 22.952, 54.985$, and if you desaturate by 10%, it is $55, 11.279, 56.423$.

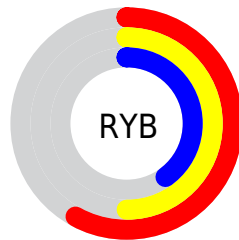
Distribution



Red (58%)

Green (46%)

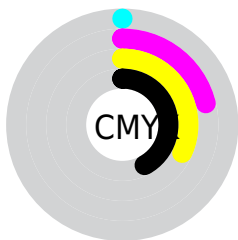
Blue (40%)



Red (58%)

Yellow (50%)

Blue (40%)

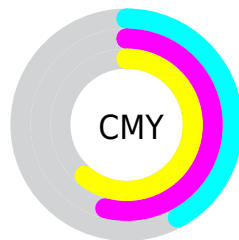


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (42%)



Cyan (42%)

Magenta (54%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 16.920, 55.668 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, 16.920, 55.668 by changing the saturation by 10% instead.

■ 52, 16.920, 55.668

■ 52, 16.920, 55.668

■ 100, 16.920,
55.668

■ 42, 16.920, 55.668

■ 72, 16.920, 55.668

■ 32, 16.920, 55.668

■ 82, 16.920, 55.668

■ 22, 16.920, 55.668

■ 92, 16.920, 55.668

■ 12, 16.920, 55.668

■ 2, 16.920, 55.668

■ 0, 16.920, 55.668

■ 52, 16.920, 55.668

■ 52, 16.920, 55.668

■ 49, 22.952, 54.985

■ 55, 11.279, 56.423

■ 46, 29.378, 54.364

■ 58, 6.009, 57.200

44, 36.158, 53.807

61, 1.077, 57.749

41, 43.170, 53.275

64, 3.549, 239.067

39, 50.123, 52.643

67, 7.903, 239.871

37, 56.409, 51.628

70, 12.018,
240.715

36, 60.981, 50.943

73, 15.922,
241.556

76, 19.642,
242.383

79, 23.199,
243.191

Harmonies

Complementary

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



52, 16.920, 55.668



53, 14.318, 242.225

Rectangle

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



52, 16.920, 55.668



52, 16.920, 105.668



52, 16.920, 235.668



52, 16.920, 285.668

Sweetspot

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



52, 16.920, 55.675



75, 6.033, 57.359



49, 26.147, 338.819



39, 4.122, 57.262



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 16.920, 55.675



64, 26.064, 55.150



58, 23.078, 99.738



30, 2.725, 57.434



33, 57.506, 51.160



1, 2.321, 58.288

Inverse Universe

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



53, 14.318, 242.225



66, 21.076, 243.573



46, 24.248, 287.590



30, 2.614, 239.243



36, 33.532, 264.180



1, 2.321, 238.306

Previews

White Background



This preview shows how the CIELCh color 52, 16.920, 55.668 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, 16.920, 55.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

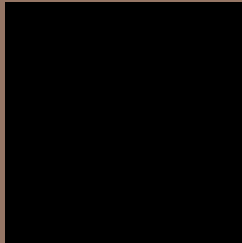
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 16.920, 55.668

Background



This preview shows how black text looks on a background with the CIELCh color 52, 16.920, 55.668.



This preview shows how white text looks on a background with the CIELCh color 52, 16.920, 55.668.

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, 16.920, 55.668

Protanopia

52, 11.922, 94.201

Deuteranopia

52, 15.627, 64.423



Tritanopia
52, 16.037, 2.539

Trichromacy



Original Color
52, 16.920, 55.668

Protanomaly
52, 12.778, 78.407

Deuteranomaly
52, 16.238, 59.851

Tritanomaly
52, 14.744, 21.101

Monochromacy



Original Color
52, 16.920, 55.668

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.059, 54.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 16.920, 55.668 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, 118, 101)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 101)  
}
```

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, 118, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 16.920, 55.668 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, 118, 101) }
```

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

```
.border{ border-color:rgb(149, 118, 101) }
```

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

Here you see how a box with a 4 pixel rgb(149, 118, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 101);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 16.920, 55.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 101) }
```

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

```
.background{ background-color: rgb(149,  
118, 101) }
```

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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