

Converting Colors

CIELCh(52, 11.292, 23.559)

Have a look what the booklet for
CIELCh(52, 11.292, 23.559) contains.

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Color

CIELCh(52, 11.292, 23.559)

Conversions

Conversions Part 1

Format	Color
Hex	917675
RGB	145, 118, 117
RGB Percent	57%, 46%, 46%
CMY	0.4327, 0.5385, 0.5425
CMYK	0.00, 0.19, 0.19, 0.43
HSL	2°, 11%, 51%
HSV	2°, 19%, 57%
XYZ	21.2475, 20.1443, 19.4969
YIQ	125.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

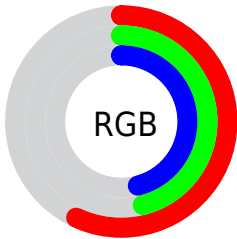
Format	Color
R_{YB}	145, 118, 117
Decimal	9533045
CIE Lab	52.00, 10.35, 4.51
CIE LCh	52, 11.292, 23.559
Yxy	20.1443, 0.3490, 0.3308
Android (android.graphics.Color)	4287723125 (0xFF917675)
YUV	125.9590, -4.4168, 16.6990
Hunter-Lab	44.8824, 5.9583, 5.6621

Details

The CIELCh color **52, 11.292, 23.559** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58, 9.964, 201.793**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 11.266, 23.080**, and **32, 11.109, 24.399** is the 20% darker color. If you saturate the color by 10%, you get **48, 17.800, 24.430**, and if you desaturate by 10%, it is **56, 5.245, 22.879**.

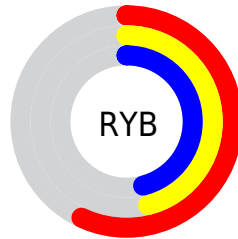
Distribution



Red (57%)

Green (46%)

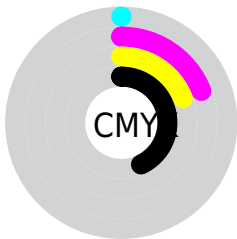
Blue (46%)



Red (57%)

Yellow (46%)

Blue (46%)

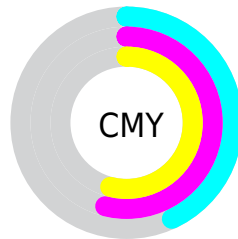


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 11.292, 23.559 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, 11.292, 23.559 by changing the saturation by 10% instead.

■ 52, 11.292, 23.559

■ 52, 11.292, 23.559

■ 100, 11.292,
23.559

■ 42, 11.292, 23.559

■ 72, 11.292, 23.559

■ 32, 11.292, 23.559

■ 82, 11.292, 23.559

■ 22, 11.292, 23.559

■ 92, 11.292, 23.559

■ 12, 11.292, 23.559

■ 2, 11.292, 23.559

■ 0, 11.292, 23.559

■ 52, 11.292, 23.559

■ 52, 11.292, 23.559

■ 48, 17.800, 24.430

■ 56, 5.245, 22.879

■ 44, 24.761, 25.555

■ 60, 0.353, 203.711

41, 32.113, 27.026

65, 5.535, 202.183

37, 39.742, 28.928

69, 10.340,
201.864

35, 47.460, 31.324

73, 14.808,
201.638

32, 54.977, 34.175

31, 61.777, 37.170

77, 18.980,
201.469

30, 66.990, 39.665

82, 22.892,
201.343

30, 67.309, 39.821

86, 26.575,
201.250

90, 30.058,
201.181

Harmonies

Complementary

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



52, 11.292, 23.559



58, 9.964, 201.793

Rectangle

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



52, 11.292, 23.559



52, 11.292, 73.559



52, 11.292, 203.559



52, 11.292, 253.559

Sweetspot

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



52, 11.291, 23.567



73, 4.131, 22.662



53, 19.064, 326.377



38, 2.737, 22.702



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, 11.291, 23.567



65, 16.945, 23.897



56, 10.129, 76.545



28, 3.133, 22.868



27, 63.637, 39.449



0, 2.047, 22.496

Inverse Universe

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



58, 9.964, 201.793



73, 14.521, 201.653



54, 9.742, 261.667



30, 2.960, 202.209



49, 29.807, 202.041



2, 2.047, 202.513

Previews

White Background



This preview shows how the CIELCh color 52, 11.292, 23.559 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, 11.292, 23.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

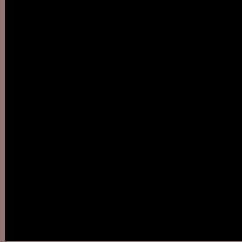
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 11.292, 23.559

Background



This preview shows how black text looks on a background with the CIELCh color 52, 11.292, 23.559.



This preview shows how white text looks on a background with the CIELCh color 52, 11.292, 23.559.

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, 11.292, 23.559

Protanopia

52, 2.601, 81.989

Deuteranopia

52, 8.252, 36.396



Tritanopia
52, 13.272, 357.981

Trichromacy



Original Color
52, 11.292, 23.559

Protanomaly
52, 4.826, 40.809

Deuteranomaly
52, 9.351, 30.998

Tritanomaly
52, 12.264, 7.276

Monochromacy



Original Color
52, 11.292, 23.559

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 4.052, 19.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 11.292, 23.559 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(145, 118, 117)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 117)  
}
```

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(145, 118, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 11.292, 23.559 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(145, 118, 117) }
```

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

```
.border{ border-color:rgb(145, 118, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 117);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 11.292, 23.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 117) }
```

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

```
.background{ background-color: rgb(145,  
118, 117) }
```

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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