

Converting Colors

CIELCh(53, 11.005, 19.388)

Have a look what the booklet for
CIELCh(53, 11.005, 19.388) contains.

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Color

CIELCh(53, 11.180, 17.709)

Conversions

Conversions Part 1

Format	Color
Hex	937879
RGB	147, 120, 121
RGB Percent	58%, 47%, 47%
CMY	0.4232, 0.5291, 0.5252
CMYK	0.00, 0.18, 0.18, 0.42
HSL	358°, 11%, 52%
HSV	358°, 18%, 58%
XYZ	22.2306, 21.0462, 21.0061
YIQ	128.1870, 15.7710, 6.0350

Conversions

Conversions Part 2

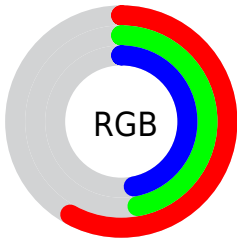
Format	Color
R_{YB}	147, 120, 121
Decimal	9664633
CIE _{Lab}	53.00, 10.65, 3.40
CIE _{LCh}	53, 11.180, 17.709
Yxy	21.0462, 0.3458, 0.3274
Android (android.graphics.Color)	4287854713 (0xFF937879)
YUV	128.1870, -3.5432, 16.4990
Hunter-Lab	45.8761, 6.2142, 4.9651

Details

The CIELCh color **53, 11.180, 17.709** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 10.031, 195.249**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 11.188, 17.578**, and **33, 11.421, 15.033** is the 20% darker color. If you saturate the color by 10%, you get **49, 17.881, 18.789**, and if you desaturate by 10%, it is **57, 4.909, 16.826**.

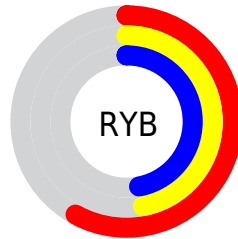
Distribution



Red (58%)

Green (47%)

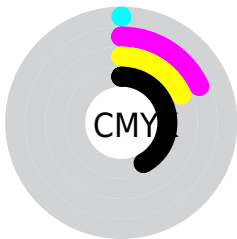
Blue (47%)



Red (58%)

Yellow (47%)

Blue (47%)

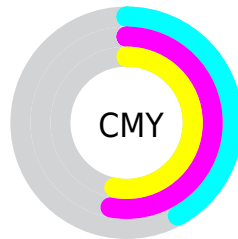


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 11.180, 17.709 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 53, 11.180, 17.709 by changing the saturation by 10% instead.

■ 53, 11.180, 17.709

■ 53, 11.180, 17.709

■ 100, 11.180,
17.709

■ 43, 11.180, 17.709

■ 73, 11.180, 17.709

■ 33, 11.180, 17.709

■ 83, 11.180, 17.709

■ 23, 11.180, 17.709

■ 93, 11.180, 17.709

■ 13, 11.180, 17.709

■ 3, 11.180, 17.709

■ 0, 11.180, 17.709

■ 53, 11.180, 17.709

■ 53, 11.180, 17.709

■ 49, 17.881, 18.789

■ 57, 4.909, 16.826

■ 45, 24.983, 20.141

■ 62, 0.929, 196.707

41, 32.398, 21.870

66, 6.360, 195.754

38, 39.977, 24.084

71, 11.417,
195.267

35, 47.506, 26.883

75, 16.138,
194.873

33, 54.726, 30.294

31, 61.294, 34.119

80, 20.562,
194.543

30, 66.634, 37.454

84, 24.722,
194.261

30, 67.416, 37.846

89, 28.651,
194.018

93, 32.376,
193.806

Harmonies

Complementary

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



53, 11.180, 17.709



59, 10.031, 195.249

Rectangle

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



53, 11.180, 17.709



53, 11.180, 67.709



53, 11.180, 197.709



53, 11.180, 247.709

Sweetspot

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



53, 11.179, 17.717



74, 4.331, 16.629



54, 18.479, 324.008



39, 2.902, 16.681



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 11.179, 17.717



66, 16.838, 18.127



56, 9.287, 67.744



29, 3.344, 16.899



28, 63.926, 37.455



1, 2.834, 16.333

Inverse Universe

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



53, 11.179, 17.717



66, 16.838, 18.127



56, 8.735, 252.226



29, 3.344, 16.899



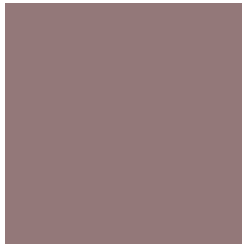
28, 63.926, 37.455



1, 2.834, 16.333

Previews

White Background



This preview shows how the CIELCh color 53, 11.180, 17.709 looks on a white background.

Color Contrast Check

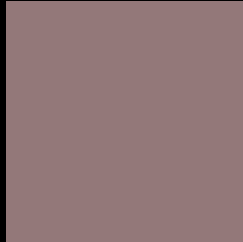
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 11.180, 17.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

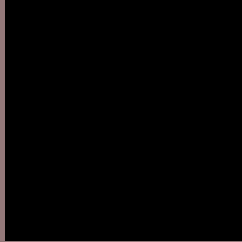
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 11.180, 17.709

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.180, 17.709.

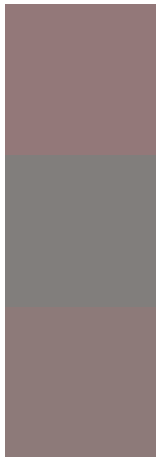


This preview shows how white text looks on a background with the CIELCh color 53, 11.180, 17.709.

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

53, 11.180, 17.709

Protanopia

53, 1.657, 63.325

Deuteranopia

53, 7.839, 24.412



Tritanopia
53, 12.837, 357.154

Trichromacy



Original Color
53, 11.180, 17.709

Protanomaly
53, 4.912, 26.573

Deuteranomaly
53, 9.068, 20.378

Tritanomaly
53, 12.340, 4.633

Monochromacy



Original Color
53, 11.180, 17.709

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.039, 19.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 11.180, 17.709 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(147, 120, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 121)  
}
```

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(147, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.180, 17.709 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(147, 120, 121) }
```

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

```
.border{ border-color:rgb(147, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 120, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 120, 121); box-shadow:4px 4px 4px 4px rgb(147, 120, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.180, 17.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 121) }
```

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

```
.background{ background-color: rgb(147,  
120, 121) }
```

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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