

Converting Colors

CIELCh(53, 9.025, 19.982)

Have a look what the booklet for
CIELCh(53, 9.025, 19.982) contains.

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Color

CIELCh(53, 9.058, 16.755)

Conversions

Conversions Part 1

Format	Color
Hex	8F797A
RGB	143, 121, 122
RGB Percent	56%, 47%, 48%
CMY	0.4378, 0.5241, 0.5202
CMYK	0.00, 0.15, 0.15, 0.44
HSL	357°, 9%, 52%
HSV	357°, 15%, 56%
XYZ	21.8054, 21.0462, 21.4396
YIQ	127.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

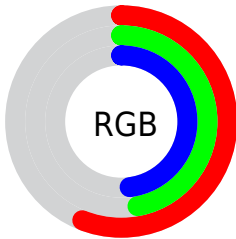
Format	Color
R_{YB}	143, 121, 122
Decimal	9402746
CIE _{Lab}	53.00, 8.67, 2.61
CIE _{LCh}	53, 9.058, 16.755
Yxy	21.0462, 0.3392, 0.3274
Android (android.graphics.Color)	4287592826 (0xFF8F797A)
YUV	127.6920, -2.8062, 13.4251
Hunter-Lab	45.8761, 4.5597, 4.4048

Details

The CIELCh color $53, 9.058, 16.755$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $58, 8.296, 194.714$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.218, 16.798$, and $33, 9.075, 16.915$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.484, 17.783$, and if you desaturate by 10%, it is $57, 3.048, 15.870$.

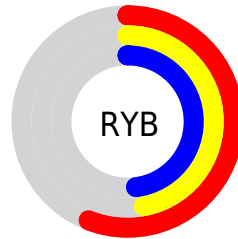
Distribution



Red (56%)

Green (47%)

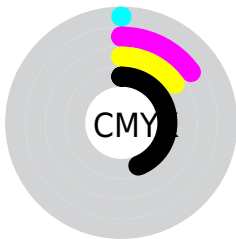
Blue (48%)



Red (56%)

Yellow (47%)

Blue (48%)

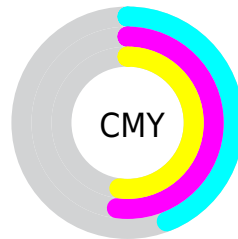


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.058, 16.755 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, 9.058, 16.755 by changing the saturation by 10% instead.

 53, 9.058, 16.755  53, 9.058, 16.755

 100, 9.058, 16.755  43, 9.058, 16.755


 73, 9.058, 16.755  33, 9.058, 16.755

 83, 9.058, 16.755  23, 9.058, 16.755

 93, 9.058, 16.755  13, 9.058, 16.755

 3, 9.058, 16.755

 0, 9.058, 16.755

 53, 9.058, 16.755  53, 9.058, 16.755

 49, 15.484, 17.783  57, 3.048, 15.870

 45, 22.307, 19.052  62, 2.551, 195.525

41, 29.456, 20.665

66, 7.766, 194.875

38, 36.804, 22.725

70, 12.629,
194.405

35, 44.159, 25.343

75, 17.177,
194.016

32, 51.286, 28.586

31, 57.902, 32.366

79, 21.446,
193.686

30, 63.576, 36.187

83, 25.469,
193.402

29, 65.764, 37.362

88, 29.275,
193.154

92, 32.890,
192.935

Harmonies

Complementary

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



53, 9.058, 16.755



58, 8.296, 194.714

Rectangle

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



53, 9.058, 16.755



53, 9.058, 66.755



53, 9.058, 196.755



53, 9.058, 246.755

Sweetspot

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



53, 9.057, 16.764



73, 3.520, 15.845



54, 15.115, 323.854



38, 2.426, 15.907



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 9.057, 16.764



66, 13.281, 17.051



56, 7.544, 68.076



28, 3.248, 16.216



27, 62.700, 36.986



0, 2.128, 15.638

Inverse Universe

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



53, 9.057, 16.764



66, 13.281, 17.051



55, 7.175, 251.785



28, 3.248, 16.216



27, 62.700, 36.986



0, 2.128, 15.638

Previews

White Background



This preview shows how the CIE LCh color 53, 9.058, 16.755 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, 9.058, 16.755 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, 9.058, 16.755

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.058, 16.755.



This preview shows how white text looks on a background with the CIELCh color 53, 9.058, 16.755.

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, 9.058, 16.755

Protanopia

53, 1.325, 44.999

Deuteranopia

53, 7.794, 20.221



Tritanopia
53, 11.243, 349.882

Trichromacy



Original Color
53, 9.058, 16.755

Protanomaly
53, 4.045, 19.751

Deuteranomaly
53, 8.213, 20.271

Tritanomaly
53, 10.530, 358.122

Monochromacy



Original Color
53, 9.058, 16.755

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 3.218, 19.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.058, 16.755 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(143, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 121, 122)  
}
```

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(143, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 121, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.058, 16.755 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(143, 121, 122) }
```

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

```
.border{ border-color:rgb(143, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 121,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.058, 16.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 121, 122) }
```

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

```
.background{ background-color: rgb(143,  
121, 122) }
```

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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