

Converting Colors

CIELCh(58, 17.067, 211.036)

Have a look what the booklet for
CIELCh(58, 17.067, 211.036)
contains.

CIELCh(58, 17.095, 211.518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 17.095, 211.518)

Conversions

Conversions Part 1

Format	Color
Hex	62939A
RGB	98, 147, 154
RGB Percent	38%, 58%, 60%
CMY	0.6141, 0.4219, 0.3945
CMYK	0.36, 0.05, 0.00, 0.39
HSL	187°, 22%, 50%
HSV	187°, 36%, 61%
XYZ	21.4452, 25.9610, 34.6327
YIQ	133.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

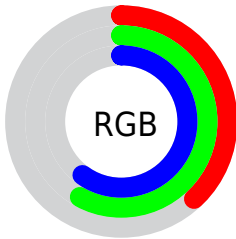
Format	Color
R _Y B	98, 124, 154
Decimal	6460314
CIE Lab	58.00, -14.57, -8.94
CIE LCh	58, 17.095, 211.518
Yxy	25.9610, 0.2614, 0.3164
Android (android.graphics.Color)	4284650394 (0xFF62939A)
YUV	133.1470, 10.2805, -30.8239
Hunter-Lab	50.9519, -14.0369, -4.6339

Details

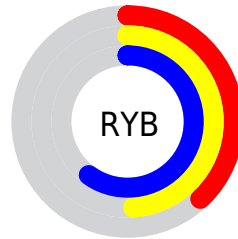
The CIELCh color **58, 17.095, 211.518** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 22.141, 32.405**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 17.039, 211.042**, and **38, 17.004, 212.290** is the 20% darker color. If you saturate the color by 10%, you get **57, 20.817, 211.938**, and if you desaturate by 10%, it is **59, 12.874, 211.271**.

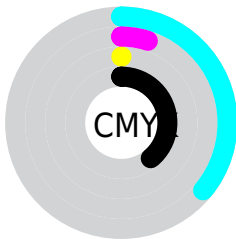
Distribution



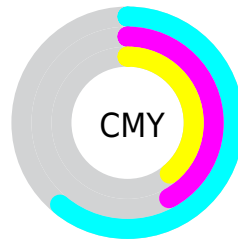
- Red (38%)
- Green (58%)
- Blue (60%)



- Red (38%)
- Yellow (49%)
- Blue (60%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)





- Cyan (61%)
- Magenta (42%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 17.095, 211.518 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 58, 17.095, 211.518 by changing the saturation by 10% instead.


 58, 17.095,
211.518


 58, 17.095,
211.518


 100, 17.095,
211.518


 48, 17.095,
211.518


 78, 17.095,
211.518

 38, 17.095,
211.518

 88, 17.095,
211.518

 28, 17.095,
211.518

 98, 17.095,
211.518

 18, 17.095,
211.518

 8, 17.095, 211.518

 0, 17.095, 211.518

■ 58, 17.095,
211.518

■ 58, 17.095,
211.518

■ 57, 20.817,
211.938

■ 59, 12.874,
211.271

■ 55, 23.963,
212.579

■ 61, 8.236, 211.180

■ 63, 3.260, 211.266

■ 54, 26.473,
213.481

■ 64, 1.980, 30.984

■ 53, 28.312,
214.693

■ 66, 7.421, 31.312

■ 53, 29.485,
216.264

■ 68, 13.009, 31.548

■ 70, 18.697, 31.807

■ 52, 30.070,
218.216

■ 72, 24.451, 32.089

■ 52, 30.241,
218.975

■ 74, 30.239, 32.387

Harmonies

Complementary

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



58, 17.095, 211.518



49, 22.141, 32.405

Rectangle

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



58, 17.095, 211.518



58, 17.095, 261.518



58, 17.095, 31.518



58, 17.095, 81.518

Sweetspot

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



58, 17.095, 211.515



79, 7.014, 211.192



59, 35.455, 145.080



42, 4.734, 211.184



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 17.095, 211.515



73, 24.756, 211.867



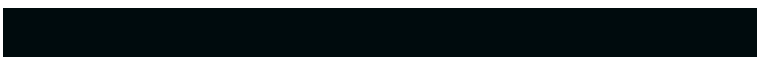
50, 21.174, 272.785



32, 2.895, 211.211



47, 28.204, 218.760



2, 3.175, 212.456

Inverse Universe

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



49, 35.268, 330.160



60, 52.604, 330.671



57, 21.854, 82.248



30, 5.451, 328.544



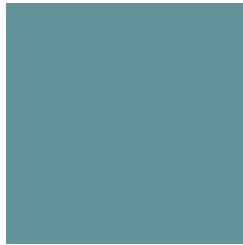
32, 67.302, 333.785



1, 5.808, 328.419

Previews

White Background



This preview shows how the CIELCh color 58, 17.095, 211.518 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 58, 17.095, 211.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

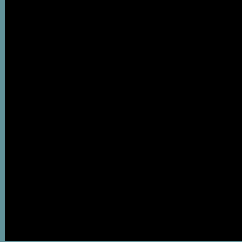
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.095, 211.518

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.095, 211.518.



This preview shows how white text looks on a background with the CIELCh color 58, 17.095, 211.518.

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
58, 17.095, 211.518

Protanopia
58, 6.265, 290.912

Deuteranopia
58, 13.036, 306.527



Tritanopia
58, 17.321, 221.444

Trichromacy



Original Color
58, 17.095, 211.518

Protanomaly
58, 8.330, 242.265

Deuteranomaly
58, 10.141, 263.439

Tritanomaly
58, 17.061, 217.646

Monochromacy



Original Color
58, 17.095, 211.518

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.846, 208.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.095, 211.518 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(98, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(98, 147, 154)  
}
```

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(98, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 147, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.095, 211.518 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(98, 147, 154) }
```

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

```
.border{ border-color:rgb(98, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(98, 147,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.095, 211.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 147, 154) }
```

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

```
.background{ background-color: rgb(98, 147,  
154) }
```

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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