

Converting Colors

CIELCh(58, 15.519, 179.732)

Have a look what the booklet for
CIELCh(58, 15.519, 179.732)
contains.

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Color

CIELCh(58, 15.196, 180.485)

Conversions

Conversions Part 1

Format	Color
Hex	6C938B
RGB	108, 147, 139
RGB Percent	42%, 58%, 55%
CMY	0.5761, 0.4231, 0.4545
CMYK	0.27, 0.00, 0.05, 0.42
HSL	168°, 15%, 50%
HSV	168°, 27%, 58%
XYZ	21.3139, 25.9610, 28.3527
YIQ	134.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

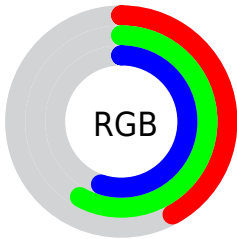
Format	Color
R_{YB}	108, 130, 147
Decimal	7115659
CIE _{Lab}	58.00, -15.20, -0.13
CIE _{LCh}	58, 15.196, 180.485
Yxy	25.9610, 0.2818, 0.3433
Android (android.graphics.Color)	4285305739 (0xFF6C938B)
YUV	134.4270, 2.2545, -23.1765
Hunter-Lab	50.9519, -14.4968, 2.6739

Details

The CIELCh color `58, 15.196, 180.485` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `50, 16.869, 5.616`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 15.364, 179.922`, and `38, 15.025, 180.729` is the 20% darker color. If you saturate the color by 10%, you get `57, 20.435, 179.473`, and if you desaturate by 10%, it is `59, 9.639, 181.440`.

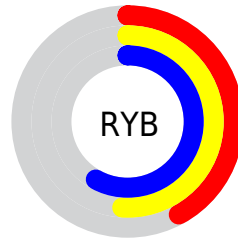
Distribution



Red (42%)

Green (58%)

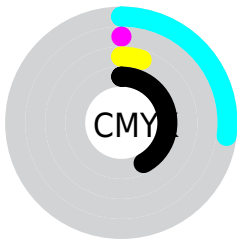
Blue (55%)



Red (42%)

Yellow (51%)

Blue (58%)

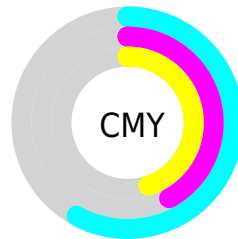


Cyan (27%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (58%)


Magenta (42%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.196, 180.485 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, 15.196, 180.485 by changing the saturation by 10% instead.


 58, 15.196,
180.485


 58, 15.196,
180.485


 100, 15.196,
180.485


 48, 15.196,
180.485


 78, 15.196,
180.485

 38, 15.196,
180.485

 88, 15.196,
180.485

 28, 15.196,
180.485

 98, 15.196,
180.485

 18, 15.196,
180.485

 8, 15.196, 180.485

 0, 15.196, 180.485

■ 58, 15.196,
180.485

■ 58, 15.196,
180.485

■ 57, 20.435,
179.473

■ 59, 9.639, 181.440

■ 56, 25.258,
178.394

■ 60, 3.852, 182.398

■ 56, 29.574,
177.227

■ 61, 2.085, 2.953

■ 55, 33.307,
175.950

■ 63, 8.100, 3.918

■ 55, 36.403,
174.541

■ 64, 14.140, 4.730

■ 54, 38.852,
172.981

■ 66, 20.160, 5.503

■ 54, 40.724,
171.273

■ 68, 26.126, 6.247

■ 54, 41.339,

■ 69, 32.015, 6.965

■ 71, 37.812, 7.660

170.689

Harmonies

Complementary

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



58, 15.196, 180.485



50, 16.869, 5.616

Rectangle

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



58, 15.196, 180.485



58, 15.196, 230.485



58, 15.196, 0.485



58, 15.196, 50.485

Sweetspot

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



58, 15.197, 180.482



76, 5.848, 182.232



58, 25.277, 137.010



40, 4.182, 182.096



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 15.197, 180.482



73, 22.403, 179.870



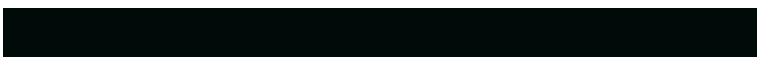
55, 11.677, 231.721



31, 3.345, 182.131



51, 39.337, 170.809



2, 2.962, 182.867

Inverse Universe

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



50, 16.869, 5.616



61, 25.536, 6.468



52, 13.671, 48.118



29, 3.464, 3.623



28, 57.877, 27.604



1, 2.962, 2.852

Previews

White Background



This preview shows how the CIELCh color 58, 15.196, 180.485 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, 15.196, 180.485 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, 15.196, 180.485

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.196, 180.485.



This preview shows how white text looks on a background with the CIELCh color 58, 15.196, 180.485.

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, 15.196, 180.485

Protanopia
58, 2.756, 74.655

Deuteranopia
58, 7.465, 348.033



Tritanopia
58, 13.007, 227.379

Trichromacy



Original Color
58, 15.196, 180.485

Protanomaly
58, 5.167, 165.590

Deuteranomaly
58, 1.905, 236.238

Tritanomaly
58, 12.684, 208.679

Monochromacy



Original Color
58, 15.196, 180.485

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 5.688, 181.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.196, 180.485 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(108, 147, 139)` looks like.

```
.text, #text, p{  
    color:rgb(108, 147, 139)  
}
```

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(108, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 147, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.196, 180.485 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(108, 147, 139) }
```

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

```
.border{ border-color:rgb(108, 147, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 147, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 147, 139);  
box-shadow:4px 4px 4px 4px rgb(108, 147,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.196, 180.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 147, 139) }
```

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

```
.background{ background-color: rgb(108,  
147, 139) }
```

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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