

Converting Colors

CIELCh(58, 16.313, 217.284)

Have a look what the booklet for
CIELCh(58, 16.313, 217.284)
contains.

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Color

CIELCh(58, 16.394, 216.384)

Conversions

Conversions Part 1

Format	Color
Hex	65939C
RGB	101, 147, 156
RGB Percent	40%, 58%, 61%
CMY	0.6046, 0.4242, 0.3890
CMYK	0.35, 0.06, 0.00, 0.39
HSL	190°, 22%, 50%
HSV	190°, 35%, 61%
XYZ	21.7371, 25.9610, 35.2360
YIQ	134.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

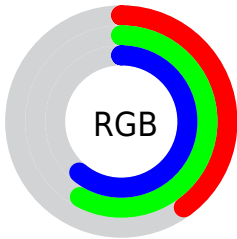
Format	Color
RYB	101, 126, 156
Decimal	6656924
CIELab	58.00, -13.20, -9.72
CIELCh	58, 16.394, 216.384
Yxy	25.9610, 0.2621, 0.3130
Android (android.graphics.Color)	4284847004 (0xFF65939C)
YUV	134.2720, 10.7119, -29.1795
Hunter-Lab	50.9519, -13.0142, -5.3359

Details

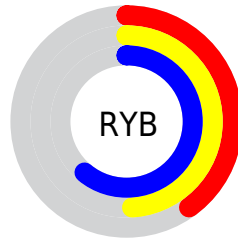
The CIELCh color $58, 16.394, 216.384$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 21.026, 35.827$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.316, 215.625$, and $38, 16.407, 217.532$ is the 20% darker color. If you saturate the color by 10%, you get $56, 20.120, 217.074$, and if you desaturate by 10%, it is $60, 12.198, 215.908$.

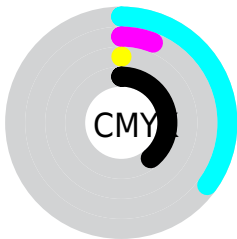
Distribution



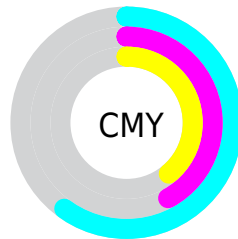
- Red (40%)
- Green (58%)
- Blue (61%)



- Red (40%)
- Yellow (49%)
- Blue (61%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)





- Cyan (60%)
- Magenta (42%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.394, 216.384 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, 16.394, 216.384 by changing the saturation by 10% instead.


 58, 16.394,
216.384


 58, 16.394,
216.384


 100, 16.394,
216.384


 48, 16.394,
216.384


 78, 16.394,
216.384

 38, 16.394,
216.384

 88, 16.394,
216.384

 28, 16.394,
216.384

 98, 16.394,
216.384

 18, 16.394,
216.384

 8, 16.394, 216.384

 0, 16.394, 216.384

■ 58, 16.394,
216.384

■ 58, 16.394,
216.384

■ 56, 20.120,
217.074

■ 60, 12.198,
215.908

■ 55, 23.301,
218.039

■ 61, 7.609, 215.620

■ 63, 2.703, 215.556

■ 54, 25.877,
219.332

■ 65, 2.451, 35.134

■ 53, 27.814,
221.021

■ 67, 7.795, 35.278

■ 51, 29.118,
223.172

■ 69, 13.278, 35.381

■ 71, 18.858, 35.518

■ 50, 29.856,
225.830

■ 74, 24.502, 35.686

■ 50, 30.136,
227.148

■ 76, 30.183, 35.876

Harmonies

Complementary

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



58, 16.394, 216.384



51, 21.026, 35.827

Rectangle

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



58, 16.394, 216.384



58, 16.394, 266.384



58, 16.394, 36.384



58, 16.394, 86.384

Sweetspot

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



58, 16.394, 216.380



79, 6.822, 215.556



60, 33.955, 146.189



41, 4.605, 215.572



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, 16.394, 216.380



72, 23.273, 216.878



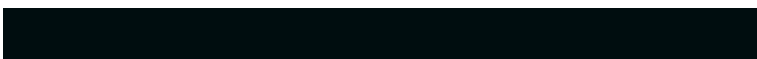
50, 21.628, 275.359



33, 2.893, 215.539



46, 28.274, 226.886



3, 3.806, 218.654

Inverse Universe

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



50, 33.697, 331.434



61, 49.061, 331.914



58, 21.947, 85.266



31, 5.451, 329.806



32, 66.219, 335.833



1, 6.944, 330.273

Previews

White Background



This preview shows how the CIELCh color 58, 16.394, 216.384 looks on a white background.

Color Contrast Check

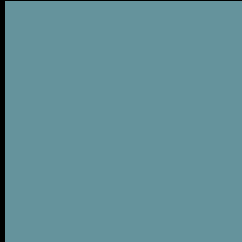
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.394, 216.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

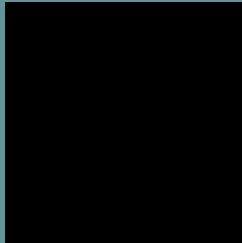
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

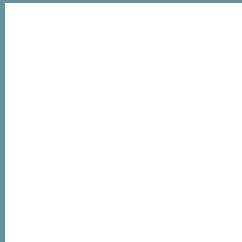
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 16.394, 216.384

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.394, 216.384.

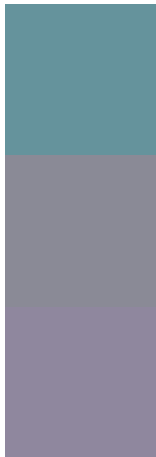


This preview shows how white text looks on a background with the CIELCh color 58, 16.394, 216.384.

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, 16.394, 216.384

Protanopia

58, 6.833, 290.977

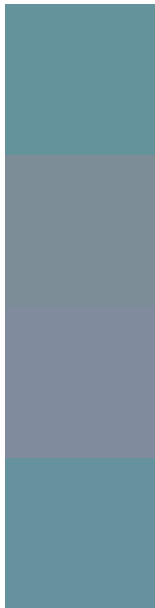
Deuteranopia

58, 13.497, 304.387



Tritanopia
58, 16.520, 222.738

Trichromacy



Original Color
58, 16.394, 216.384

Protanomaly
58, 8.702, 245.213

Deuteranomaly
58, 10.899, 269.867

Tritanomaly
58, 16.367, 220.775

Monochromacy



Original Color
58, 16.394, 216.384

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.579, 214.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.394, 216.384 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(101, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(101, 147, 156)  
}
```

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(101, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 147, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.394, 216.384 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(101, 147, 156) }
```

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

```
.border{ border-color:rgb(101, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(101, 147,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.394, 216.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 147, 156) }
```

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

```
.background{ background-color: rgb(101,  
147, 156) }
```

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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