

Converting Colors

CIELCh(58, 16.985, 219.026)

Have a look what the booklet for
CIELCh(58, 16.985, 219.026)
contains.

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Color

CIELCh(58, 17.182, 219.559)

Conversions

Conversions Part 1

Format	Color
Hex	63939E
RGB	99, 147, 158
RGB Percent	39%, 58%, 62%
CMY	0.6120, 0.4238, 0.3807
CMYK	0.37, 0.07, 0.00, 0.38
HSL	191°, 23%, 50%
HSV	191°, 37%, 62%
XYZ	21.7267, 25.9610, 36.1819
YIQ	133.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

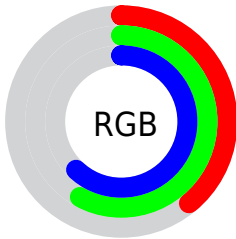
Format	Color
R_{YB}	99, 125, 158
Decimal	6525854
CIE _{Lab}	58.00, -13.25, -10.94
CIE _{LCh}	58, 17.182, 219.559
Yxy	25.9610, 0.2591, 0.3095
Android (android.graphics.Color)	4284715934 (0xFF63939E)
YUV	133.9020, 11.8803, -30.6091
Hunter-Lab	50.9519, -13.0505, -6.4366

Details

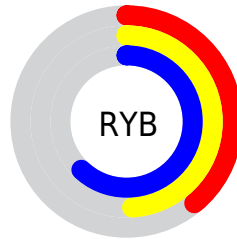
The CIELCh color `58, 17.182, 219.559` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `51, 22.356, 38.045`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 17.255, 220.341`, and `38, 17.107, 221.160` is the 20% darker color. If you saturate the color by 10%, you get `56, 20.818, 220.485`, and if you desaturate by 10%, it is `60, 13.071, 218.885`.

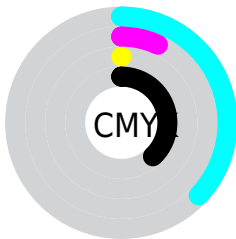
Distribution



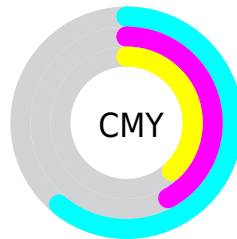
- Red (39%)
- Green (58%)
- Blue (62%)



- Red (39%)
- Yellow (49%)
- Blue (62%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)





- Cyan (61%)
- Magenta (42%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 17.182, 219.559 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, 17.182, 219.559 by changing the saturation by 10% instead.

 58, 17.182,
219.559


 58, 17.182,
219.559


 100, 17.182,
219.559


 48, 17.182,
219.559


 78, 17.182,
219.559

 38, 17.182,
219.559

 88, 17.182,
219.559

 28, 17.182,
219.559

 98, 17.182,
219.559

 18, 17.182,
219.559

 8, 17.182, 219.559

 0, 17.182, 219.559

■ 58, 17.182,
219.559

■ 58, 17.182,
219.559

■ 56, 20.818,
220.485

■ 60, 13.071,
218.885

■ 55, 23.909,
221.731

■ 62, 8.560, 218.428

■ 53, 26.402,
223.365

■ 64, 3.725, 218.183

■ 52, 28.273,
225.462

■ 66, 1.367, 37.535

■ 51, 29.544,
228.094

■ 68, 6.656, 37.710

■ 50, 30.330,
231.260

■ 70, 12.092, 37.725

■ 50, 30.526,
232.113

■ 72, 17.632, 37.777

■ 74, 23.242, 37.868

■ 77, 28.896, 37.988

Harmonies

Complementary

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



58, 17.182, 219.559



51, 22.356, 38.045

Rectangle

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



58, 17.182, 219.559



58, 17.182, 269.559



58, 17.182, 39.559



58, 17.182, 89.559

Sweetspot

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



58, 17.182, 219.556



80, 6.866, 218.246



60, 35.422, 147.044



42, 4.635, 218.277



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 17.182, 219.556



73, 24.792, 220.329



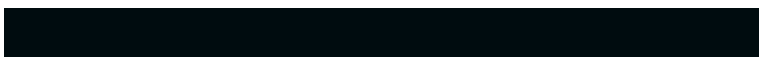
49, 24.181, 278.352



32, 2.853, 218.207



45, 28.345, 231.768



3, 3.757, 221.568

Inverse Universe

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



50, 35.443, 332.398



61, 52.578, 332.971



59, 24.168, 87.720



31, 5.364, 330.585



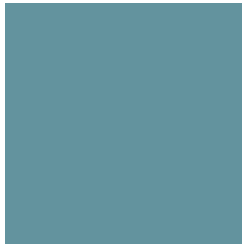
32, 65.104, 337.117



1, 6.820, 331.153

Previews

White Background



This preview shows how the CIELCh color 58, 17.182, 219.559 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, 17.182, 219.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

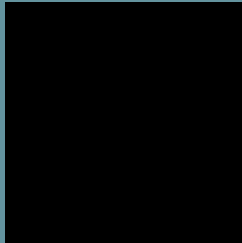
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.182, 219.559

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.182, 219.559.



This preview shows how white text looks on a background with the CIELCh color 58, 17.182, 219.559.

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, 17.182, 219.559

Protanopia

58, 7.974, 288.414

Deuteranopia

58, 14.535, 302.027



Tritanopia
58, 17.321, 221.444

Trichromacy



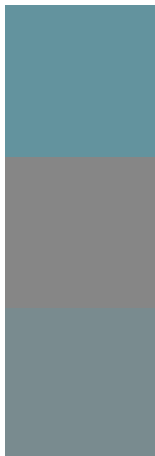
Original Color
58, 17.182, 219.559

Protanomaly
58, 9.725, 248.782

Deuteranomaly
57, 12.185, 268.951

Tritanomaly
58, 17.321, 221.444

Monochromacy



Original Color
58, 17.182, 219.559

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 7.057, 217.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.182, 219.559 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(99, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(99, 147, 158)  
}
```

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(99, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 147, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.182, 219.559 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(99, 147, 158) }
```

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

```
.border{ border-color:rgb(99, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(99, 147,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.182, 219.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 147, 158) }
```

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

```
.background{ background-color: rgb(99, 147,  
158) }
```

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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