

Converting Colors

CIELCh(59, 21.679, 196.728)

Have a look what the booklet for
CIELCh(59, 21.679, 196.728)
contains.

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Color

CIELCh(59, 21.829, 195.943)

Conversions

Conversions Part 1

Format	Color
Hex	589998
RGB	88, 153, 152
RGB Percent	35%, 60%, 60%
CMY	0.6558, 0.4009, 0.4048
CMYK	0.43, 0.00, 0.01, 0.40
HSL	179°, 27%, 47%
HSV	179°, 43%, 60%
XYZ	21.0032, 27.0277, 33.7151
YIQ	133.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

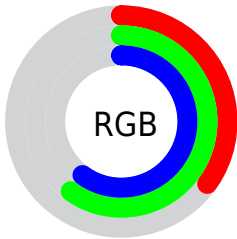
Format	Color
R_{YB}	88, 121, 153
Decimal	5806488
CIE _{Lab}	59.00, -20.99, -6.00
CIE _{LCh}	59, 21.829, 195.943
Yxy	27.0277, 0.2569, 0.3306
Android (android.graphics.Color)	4283996568 (0xFF589998)
YUV	133.4510, 9.1447, -39.8605
Hunter-Lab	51.9882, -18.8656, -2.0587

Details

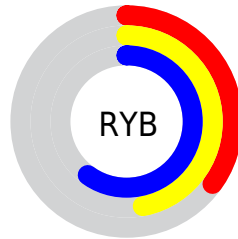
The CIELCh color **59, 21.829, 195.943** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **45, 29.094, 22.433**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 21.930, 195.018**, and **39, 22.018, 195.166** is the 20% darker color. If you saturate the color by 10%, you get **58, 25.646, 195.522**, and if you desaturate by 10%, it is **60, 17.418, 196.404**.

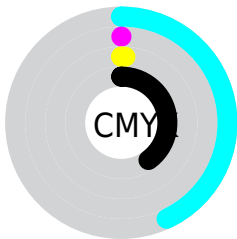
Distribution



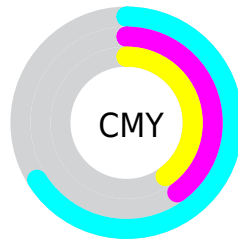
- Red (35%)
- Green (60%)
- Blue (60%)



- Red (35%)
- Yellow (47%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (66%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 21.829, 195.943 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 59, 21.829, 195.943 by changing the saturation by 10% instead.

 59, 21.829,
195.943

 59, 21.829,
195.943


 100, 21.829,
195.943


 49, 21.829,
195.943


 79, 21.829,
195.943

 39, 21.829,
195.943

 89, 21.829,
195.943

 29, 21.829,
195.943

 99, 21.829,
195.943

 19, 21.829,
195.943

 9, 21.829, 195.943

 0, 21.829, 195.943

■ 59, 21.829,
195.943

■ 59, 21.829,
195.943

■ 58, 25.646,
195.522

■ 60, 17.418,
196.404

■ 58, 28.801,
195.149

■ 61, 12.497,
196.913

■ 57, 31.250,
194.819

■ 62, 7.156, 197.475

■ 57, 32.988,
194.528

■ 63, 1.486, 198.280

■ 64, 4.431, 18.464

■ 57, 34.051,
194.268

■ 65, 10.521, 19.131

■ 57, 34.577,
194.087

■ 67, 16.723, 19.768

■ 69, 22.986, 20.403

■ 70, 29.270, 21.038

Harmonies

Complementary

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



59, 21.829, 195.943



45, 29.094, 22.433

Rectangle

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



59, 21.829, 195.943



59, 21.829, 245.943



59, 21.829, 15.943



59, 21.829, 65.943

Sweetspot

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



59, 21.829, 195.941



78, 9.176, 197.432



58, 44.194, 140.892



41, 6.369, 197.313



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 21.829, 195.941



74, 30.951, 195.543



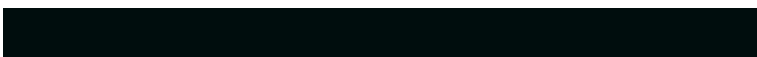
50, 20.980, 260.798



32, 3.254, 197.681



53, 32.482, 194.104



3, 3.598, 197.965

Inverse Universe

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



45, 29.094, 22.433



54, 44.407, 24.209



53, 23.941, 68.530



30, 3.438, 18.649



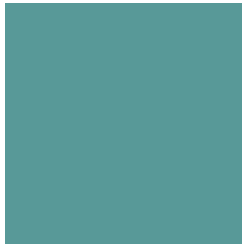
28, 65.596, 38.441



1, 3.597, 18.145

Previews

White Background



This preview shows how the CIELCh color 59, 21.829, 195.943 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 59, 21.829, 195.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

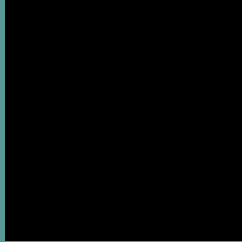
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 21.829, 195.943

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.829, 195.943.

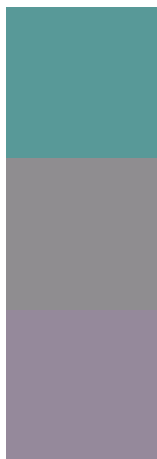


This preview shows how white text looks on a background with the CIELCh color 59, 21.829, 195.943.

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

59, 21.829, 195.943

Protanopia

59, 1.884, 314.681

Deuteranopia

59, 11.244, 315.130



Tritanopia
59, 20.416, 217.419

Trichromacy



Original Color
59, 21.829, 195.943

Protanomaly
59, 8.220, 206.661

Deuteranomaly
58, 8.443, 246.924

Tritanomaly
59, 20.648, 208.820

Monochromacy



Original Color
59, 21.829, 195.943

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 8.620, 198.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.829, 195.943 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(88, 153, 152)` looks like.

```
.text, #text, p{  
    color:rgb(88, 153, 152)  
}
```

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(88, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 153, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.829, 195.943 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(88, 153, 152) }
```

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

```
.border{ border-color:rgb(88, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(88, 153,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.829, 195.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 153, 152) }
```

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

```
.background{ background-color: rgb(88, 153,  
152) }
```

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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