

Converting Colors

CIE LCh(58, 22.527, 201.780)

Have a look what the booklet for
CIELCh(58, 22.527, 201.780)
contains.

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Color

CIELCh(58, 22.527, 201.780)

Conversions

Conversions Part 1

Format	Color
Hex	519699
RGB	81, 150, 153
RGB Percent	32%, 59%, 60%
CMY	0.6813, 0.4108, 0.3990
CMYK	0.47, 0.02, 0.00, 0.40
HSL	182°, 31%, 46%
HSV	182°, 47%, 60%
XYZ	20.1317, 25.9610, 34.1946
YIQ	129.7110, -42.0870, -13.6950

Conversions

Conversions Part 2

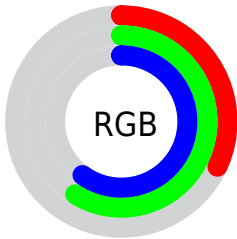
Format	Color
R_{YB}	81, 116, 153
Decimal	5346969
CIE _{Lab}	58.00, -20.92, -8.36
CIE _{LCh}	58, 22.527, 201.780
Yxy	25.9610, 0.2507, 0.3234
Android (android.graphics.Color)	4283537049 (0xFF519699)
YUV	129.7110, 11.4815, -42.7195
Hunter-Lab	50.9519, -18.6384, -4.1240

Details

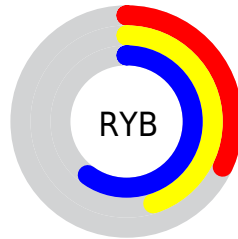
The CIELCh color **58, 22.527, 201.780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 31.680, 27.080**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 22.476, 201.937**, and **38, 22.587, 201.462** is the 20% darker color. If you saturate the color by 10%, you get **57, 25.844, 201.754**, and if you desaturate by 10%, it is **59, 18.590, 201.908**.

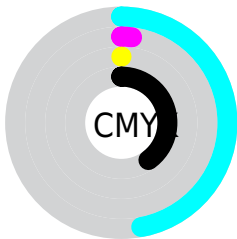
Distribution



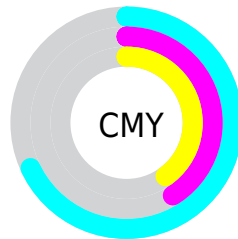
- Red (32%)
- Green (59%)
- Blue (60%)



- Red (32%)
- Yellow (45%)
- Blue (60%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)





- Cyan (68%)
- Magenta (41%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 22.527, 201.780 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, 22.527, 201.780 by changing the saturation by 10% instead.


 58, 22.527,
201.780


 58, 22.527,
201.780


 100, 22.527,
201.780


 48, 22.527,
201.780


 78, 22.527,
201.780

 38, 22.527,
201.780

 88, 22.527,
201.780

 28, 22.527,
201.780

 98, 22.527,
201.780

 18, 22.527,
201.780

 8, 22.527, 201.780

 0, 22.527, 201.780

■ 58, 22.527,
201.780

■ 58, 22.527,
201.780

■ 57, 25.844,
201.754

■ 59, 18.590,
201.908

■ 57, 28.482,
201.849

■ 60, 14.111,
202.132

■ 56, 30.411,
202.075

■ 61, 9.177, 202.441

■ 56, 31.640,
202.443

■ 62, 3.873, 202.864

■ 55, 32.262,
202.946

■ 64, 1.717, 22.886

■ 55, 32.413,
203.106

■ 65, 7.519, 23.535

■ 67, 13.472, 24.035

■ 69, 19.522, 24.540

■ 70, 25.626, 25.052

Harmonies

Complementary

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



58, 22.527, 201.780



44, 31.680, 27.080

Rectangle

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



58, 22.527, 201.780



58, 22.527, 251.780



58, 22.527, 21.780



58, 22.527, 71.780

Sweetspot

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



58, 22.527, 201.778



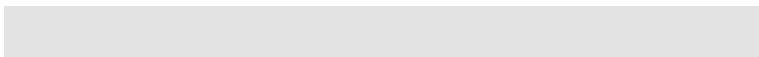
78, 9.433, 202.540



57, 47.831, 141.655



41, 6.458, 202.467



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 22.527, 201.778



73, 31.391, 201.754



47, 24.557, 267.384



32, 3.116, 202.751



51, 30.394, 203.050



3, 3.432, 203.522

Inverse Universe

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



46, 47.368, 328.079



55, 68.194, 328.554



53, 27.253, 72.986



30, 5.774, 326.052



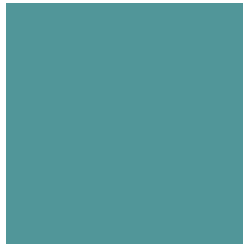
33, 71.742, 329.920



1, 6.185, 325.719

Previews

White Background



This preview shows how the CIELCh color 58, 22.527, 201.780 looks on a white background.

Color Contrast Check

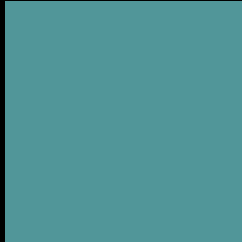
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.527, 201.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

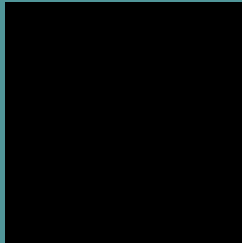
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

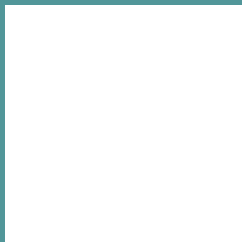
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 22.527, 201.780

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.527, 201.780.

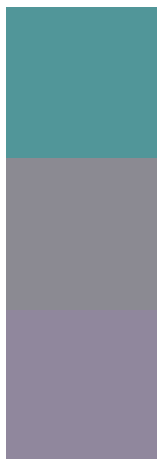


This preview shows how white text looks on a background with the CIELCh color 58, 22.527, 201.780.

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, 22.527, 201.780

Protanopia

58, 4.579, 295.510

Deuteranopia

58, 13.036, 306.527



Tritanopia
58, 21.627, 216.221

Trichromacy



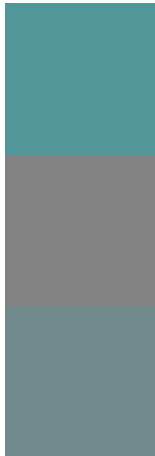
Original Color
58, 22.527, 201.780

Protanomaly
57, 9.518, 223.567

Deuteranomaly
58, 10.984, 250.277

Tritanomaly
58, 21.696, 211.349

Monochromacy



Original Color
58, 22.527, 201.780

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 9.330, 202.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.527, 201.780 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(81, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(81, 150, 153)  
}
```

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(81, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 150, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.527, 201.780 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(81, 150, 153) }
```

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

```
.border{ border-color:rgb(81, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(81, 150,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.527, 201.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 150, 153) }
```

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

```
.background{ background-color: rgb(81, 150,  
153) }
```

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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