

Converting Colors

CIELCh(58, 29.713, 196.767)

Have a look what the booklet for
CIELCh(58, 29.713, 196.767)
contains.

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Color

CIELCh(58, 29.550, 196.781)

Conversions

Conversions Part 1

Format	Color
Hex	349999
RGB	52, 153, 153
RGB Percent	20%, 60%, 60%
CMY	0.7942, 0.3985, 0.3985
CMYK	0.66, 0.00, 0.00, 0.40
HSL	180°, 49%, 40%
HSV	180°, 66%, 60%
XYZ	18.6744, 25.9610, 34.3253
YIQ	122.8010, -60.1960, -21.4120

Conversions

Conversions Part 2

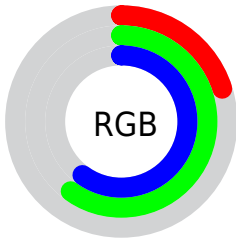
Format	Color
RYB	52, 103, 153
Decimal	3447193
CIELab	58.00, -28.29, -8.53
CIElCh	58, 29.550, 196.781
Yxy	25.9610, 0.2365, 0.3288
Android (android.graphics.Color)	4281637273 (0xFF349999)
YUV	122.8010, 14.8881, -62.0925
Hunter-Lab	50.9519, -23.7438, -4.2761

Details

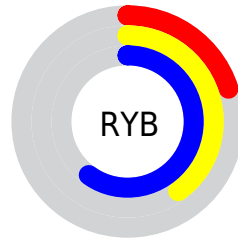
The CIELCh color **58, 29.550, 196.781** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 47.998, 28.694**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 29.726, 196.240**, and **38, 25.236, 197.830** is the 20% darker color. If you saturate the color by 10%, you get **58, 31.720, 196.595**, and if you desaturate by 10%, it is **58, 26.664, 197.027**.

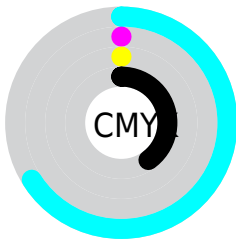
Distribution



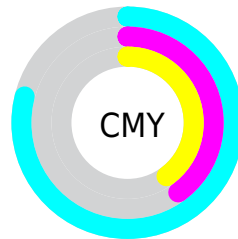
- Red (20%)
- Green (60%)
- Blue (60%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)





- Cyan (79%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 29.550, 196.781 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, 29.550, 196.781 by changing the saturation by 10% instead.


 58, 29.550,
196.781


 58, 29.550,
196.781


 100, 29.550,
196.781


 48, 29.550,
196.781


 78, 29.550,
196.781

 38, 29.550,
196.781

 88, 29.550,
196.781

 28, 29.550,
196.781

 98, 29.550,
196.781

 18, 29.550,
196.781

 8, 29.550, 196.781

 0, 29.550, 196.781

■ 58, 29.550,
196.781

■ 58, 29.550,
196.781

■ 58, 31.720,
196.595

■ 58, 26.664,
197.027

■ 57, 33.185,
196.471

■ 59, 23.092,
197.338

■ 57, 34.014,
196.401

■ 60, 18.892,
197.710

■ 57, 34.290,
196.378

■ 61, 14.144,
198.140

■ 62, 8.936, 198.629

■ 63, 3.359, 199.224

■ 64, 2.502, 19.453

■ 65, 8.569, 20.153

■ 67, 14.775, 20.767

Harmonies

Complementary

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



58, 29.550, 196.781



37, 47.998, 28.694

Rectangle

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



58, 29.550, 196.781



58, 29.550, 246.781



58, 29.550, 16.781



58, 29.550, 66.781

Sweetspot

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



58, 29.550, 196.780



77, 13.803, 198.396



56, 65.295, 138.480



40, 9.316, 198.272



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, 29.550, 196.780



73, 39.400, 196.529



43, 31.729, 267.560



32, 3.249, 198.995



53, 32.121, 196.378



3, 3.595, 199.417

Inverse Universe

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



37, 47.998, 28.694



44, 72.082, 33.484



48, 39.048, 65.691



30, 3.439, 19.892



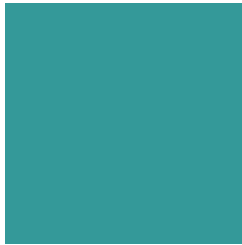
28, 66.111, 39.047



1, 3.595, 19.400

Previews

White Background



This preview shows how the CIELCh color 58, 29.550, 196.781 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, 29.550, 196.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

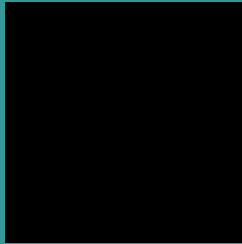
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.550, 196.781

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.550, 196.781.

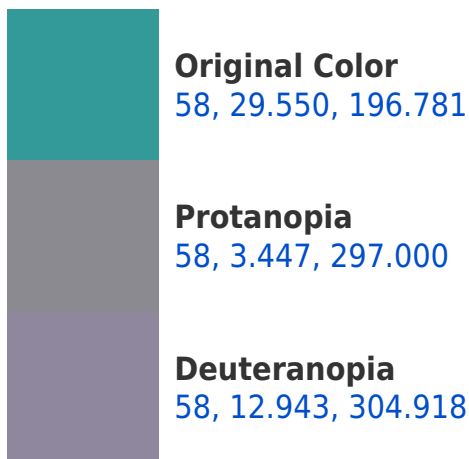



This preview shows how white text looks on a background with the CIELCh color 58, 29.550, 196.781.

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





Tritanopia
58, 27.596, 211.602

Trichromacy



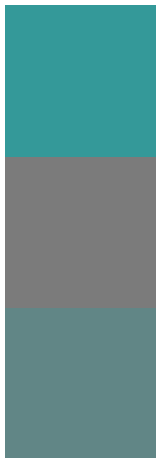
Original Color
58, 29.550, 196.781

Protanomaly
57, 12.997, 205.839

Deuteranomaly
57, 13.519, 234.978

Tritanomaly
58, 28.240, 205.171

Monochromacy



Original Color
58, 29.550, 196.781

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 13.491, 198.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.550, 196.781 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(52, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(52, 153, 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(52, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 153, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.550, 196.781 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(52, 153, 153) }
```

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

```
.border{ border-color:rgb(52, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(52, 153,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.550, 196.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 153, 153) }
```

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

```
.background{ background-color: rgb(52, 153,  
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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