

Converting Colors

CIELCh(58, 25.557, 195.831)

Have a look what the booklet for
CIELCh(58, 25.557, 195.831)
contains.

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Color

CIELCh(58, 25.544, 195.819)

Conversions

Conversions Part 1

Format	Color
Hex	489897
RGB	72, 152, 151
RGB Percent	28%, 60%, 59%
CMY	0.7188, 0.4050, 0.4089
CMYK	0.53, 0.00, 0.01, 0.40
HSL	179°, 36%, 44%
HSV	179°, 53%, 60%
XYZ	19.3996, 25.9610, 33.1525
YIQ	127.9660, -47.3590, -17.2710

Conversions

Conversions Part 2

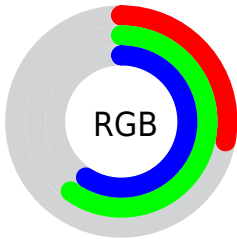
Format	Color
R_YB	72, 112, 152
Decimal	4757655
CIE _{Lab}	58.00, -24.58, -6.96
CIE _{LCh}	58, 25.544, 195.819
Y _{xy}	25.9610, 0.2471, 0.3307
Android (android.graphics.Color)	4282947735 (0xFF489897)
YUV	127.9660, 11.3558, -49.0822
Hunter-Lab	50.9519, -21.2032, -2.9114

Details

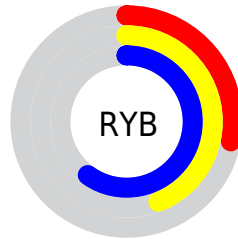
The CIELCh color **58, 25.544, 195.819** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 36.927, 24.563**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 25.820, 195.149**, and **38, 25.570, 194.961** is the 20% darker color. If you saturate the color by 10%, you get **58, 28.661, 195.464**, and if you desaturate by 10%, it is **59, 21.767, 196.218**.

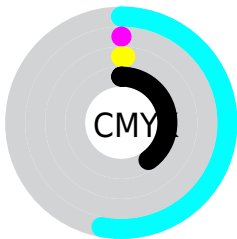
Distribution



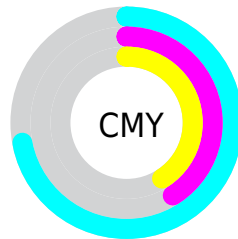
- Red (28%)
- Green (60%)
- Blue (59%)



- Red (28%)
- Yellow (44%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (72%)
- Magenta (41%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.544, 195.819 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, 25.544, 195.819 by changing the saturation by 10% instead.


 58, 25.544,
195.819

 58, 25.544,
195.819


 100, 25.544,
195.819


 48, 25.544,
195.819


 78, 25.544,
195.819

 38, 25.544,
195.819

 88, 25.544,
195.819

 28, 25.544,
195.819

 98, 25.544,
195.819

 18, 25.544,
195.819

 8, 25.544, 195.819

 0, 25.544, 195.819

■ 58, 25.544,
195.819

■ 58, 25.544,
195.819

■ 58, 28.661,
195.464

■ 59, 21.767,
196.218

■ 57, 31.076,
195.159

■ 59, 17.397,
196.667

■ 57, 32.784,
194.895

■ 60, 12.517,
197.164

■ 57, 33.823,
194.668

■ 61, 7.216, 197.715

■ 57, 34.328,
194.517

■ 62, 1.585, 198.492

■ 64, 4.295, 18.687

■ 65, 10.350, 19.350

■ 67, 16.519, 19.982

■ 68, 22.751, 20.613

Harmonies

Complementary

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



58, 25.544, 195.819



41, 36.927, 24.563

Rectangle

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



58, 25.544, 195.819



58, 25.544, 245.819



58, 25.544, 15.819



58, 25.544, 65.819

Sweetspot

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



58, 25.544, 195.817



77, 11.080, 197.510



56, 53.658, 139.870



41, 7.500, 197.406



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, 25.544, 195.817



73, 35.175, 195.416



46, 25.581, 263.441



32, 3.253, 197.929



53, 32.410, 194.529



3, 3.597, 198.238

Inverse Universe

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



41, 36.927, 24.563



48, 55.746, 27.397



50, 30.222, 67.310



30, 3.438, 18.884



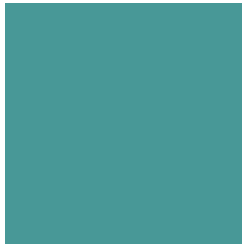
28, 65.693, 38.557



1, 3.597, 18.382

Previews

White Background



This preview shows how the CIE LCh color 58, 25.544, 195.819 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, 25.544, 195.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

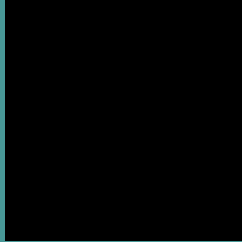
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.544, 195.819

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.544, 195.819.

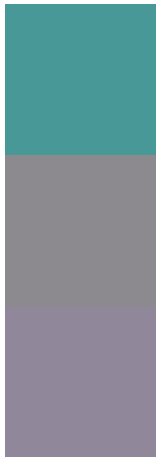


This preview shows how white text looks on a background with the CIELCh color 58, 25.544, 195.819.

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, 25.544, 195.819

Protanopia

58, 2.420, 309.149

Deuteranopia

58, 11.520, 310.506



Tritanopia
58, 23.685, 214.382

Trichromacy



Original Color
58, 25.544, 195.819

Protanomaly
57, 10.321, 204.844

Deuteranomaly
57, 10.575, 239.311

Tritanomaly
58, 24.273, 206.843

Monochromacy



Original Color
58, 25.544, 195.819

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 10.826, 195.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.544, 195.819 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(72, 152, 151)` looks like.

```
.text, #text, p{  
    color:rgb(72, 152, 151)  
}
```

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(72, 152, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 152, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.544, 195.819 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(72, 152, 151) }
```

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

```
.border{ border-color:rgb(72, 152, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 152, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 152, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 152, 151);  
box-shadow:4px 4px 4px 4px rgb(72, 152,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.544, 195.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 152, 151) }
```

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

```
.background{ background-color: rgb(72, 152,  
151) }
```

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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