

Converting Colors

CIELCh(58, 15.957, 195.945)

Have a look what the booklet for
CIELCh(58, 15.957, 195.945)
contains.

CIELCh(58, 15.709, 195.860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 15.709, 195.860)

Conversions

Conversions Part 1

Format	Color
Hex	679392
RGB	103, 147, 146
RGB Percent	40%, 58%, 57%
CMY	0.5948, 0.4222, 0.4261
CMYK	0.30, 0.00, 0.01, 0.42
HSL	179°, 18%, 49%
HSV	179°, 30%, 58%
XYZ	21.3317, 25.9610, 31.2176
YIQ	133.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

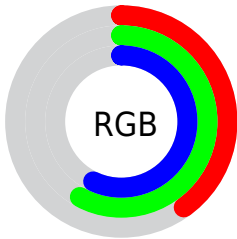
Format	Color
RYB	103, 125, 147
Decimal	6787986
CIELab	58.00, -15.11, -4.29
CIElCh	58, 15.709, 195.860
Yxy	25.9610, 0.2717, 0.3307
Android (android.graphics.Color)	4284978066 (0xFF679392)
YUV	133.7300, 6.0491, -26.9502
Hunter-Lab	50.9519, -14.4345, -0.6599

Details

The CIELCh color `58, 15.709, 195.860` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `48, 18.988, 20.058`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `78, 15.523, 196.283`, and `38, 15.613, 197.454` is the 20% darker color. If you saturate the color by 10%, you get `57, 20.157, 195.349`, and if you desaturate by 10%, it is `59, 10.796, 196.403`.

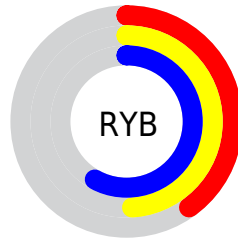
Distribution



Red (40%)

Green (58%)

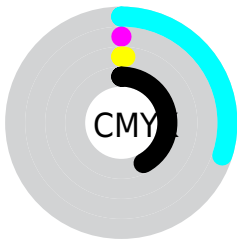
Blue (57%)



Red (40%)

Yellow (49%)

Blue (58%)

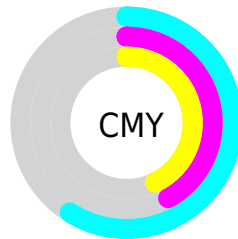


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (59%)


Magenta (42%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.709, 195.860 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, 15.709, 195.860 by changing the saturation by 10% instead.


 58, 15.709,
195.860


 58, 15.709,
195.860


 100, 15.709,
195.860


 48, 15.709,
195.860


 78, 15.709,
195.860

 38, 15.709,
195.860


 88, 15.709,
195.860

 28, 15.709,
195.860

 98, 15.709,
195.860

 18, 15.709,
195.860

 8, 15.709, 195.860

 0, 15.709, 195.860

■ 58, 15.709,
195.860

■ 58, 15.709,
195.860

■ 57, 20.157,
195.349

■ 59, 10.796,
196.403

■ 57, 24.055,
194.881

■ 60, 5.506, 197.006

■ 61, 0.076, 11.734

■ 56, 27.331,
194.450

■ 62, 5.872, 18.049

■ 56, 29.935,
194.054

■ 64, 11.815, 18.710

■ 55, 31.848,
193.687

■ 65, 17.848, 19.355

■ 67, 23.925, 19.997

■ 55, 33.093,
193.342

■ 68, 30.011, 20.637

■ 55, 33.861,
193.011

■ 70, 36.078, 21.272

■ 55, 33.871,

Harmonies

Complementary

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



58, 15.709, 195.860



48, 18.988, 20.058

Rectangle

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



58, 15.709, 195.860



58, 15.709, 245.860



58, 15.709, 15.860



58, 15.709, 65.860

Sweetspot

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



58, 15.709, 195.856



76, 6.221, 197.052



57, 30.212, 141.634



40, 4.344, 196.964



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 15.709, 195.856



73, 22.813, 195.504



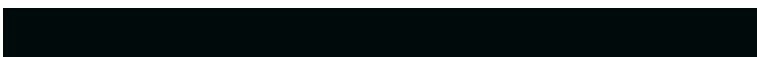
52, 14.254, 256.136



31, 3.166, 197.050



52, 32.238, 193.026



2, 2.831, 197.524

Inverse Universe

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



48, 18.988, 20.058



59, 28.970, 20.964



54, 15.707, 68.277



29, 3.342, 18.044



28, 64.380, 38.025



1, 2.831, 17.507

Previews

White Background



This preview shows how the CIELCh color 58, 15.709, 195.860 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, 15.709, 195.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

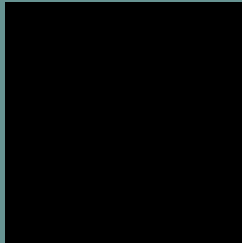
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.709, 195.860

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.709, 195.860.

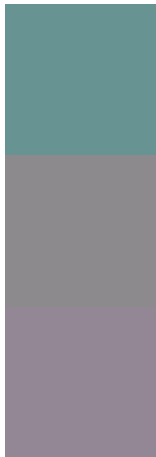


This preview shows how white text looks on a background with the CIELCh color 58, 15.709, 195.860.

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, 15.709, 195.860

Protanopia
58, 2.086, 324.459

Deuteranopia
58, 9.454, 322.949



Tritanopia
58, 14.976, 223.117

Trichromacy



Original Color
58, 15.709, 195.860

Protanomaly
58, 5.396, 211.193

Deuteranomaly
58, 5.712, 263.333

Tritanomaly
58, 14.751, 213.929

Monochromacy



Original Color
58, 15.709, 195.860

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.142, 193.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.709, 195.860 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(103, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(103, 147, 146)  
}
```

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(103, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 147, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.709, 195.860 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(103, 147, 146) }
```

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

```
.border{ border-color:rgb(103, 147, 146) }
```

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

Here you see how a box with a 4 pixel rgb(103, 147, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(103, 147,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.709, 195.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 147, 146) }
```

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

```
.background{ background-color: rgb(103,  
147, 146) }
```

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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