

Converting Colors

CIELCh(58, 19.016, 195.089)

Have a look what the booklet for
CIELCh(58, 19.016, 195.089)
contains.

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Color

CIELCh(58, 19.148, 194.209)

Conversions

Conversions Part 1

Format	Color
Hex	5E9593
RGB	94, 149, 147
RGB Percent	37%, 58%, 58%
CMY	0.6316, 0.4159, 0.4237
CMYK	0.37, 0.00, 0.01, 0.42
HSL	178°, 23%, 48%
HSV	178°, 37%, 58%
XYZ	20.6131, 25.9610, 31.5075
YIQ	132.3270, -32.1380, -12.2820

Conversions

Conversions Part 2

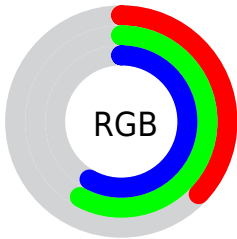
Format	Color
R_{YB}	94, 122, 149
Decimal	6198675
CIE _{Lab}	58.00, -18.56, -4.70
CIE _{LCh}	58, 19.148, 194.209
Yxy	25.9610, 0.2640, 0.3325
Android (android.graphics.Color)	4284388755 (0xFF5E9593)
YUV	132.3270, 7.2338, -33.6128
Hunter-Lab	50.9519, -16.9521, -0.9973

Details

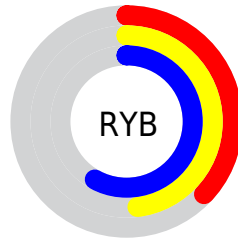
The CIELCh color **58, 19.148, 194.209** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 24.196, 19.973**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 19.009, 194.764**, and **38, 19.178, 195.183** is the 20% darker color. If you saturate the color by 10%, you get **57, 23.291, 193.661**, and if you desaturate by 10%, it is **59, 14.481, 194.779**.

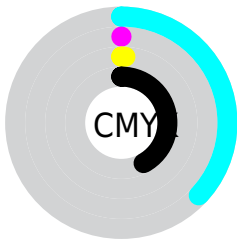
Distribution



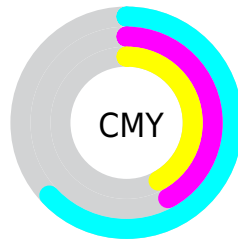
- Red (37%)
- Green (58%)
- Blue (58%)



- Red (37%)
- Yellow (48%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)





- Cyan (63%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 19.148, 194.209 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, 19.148, 194.209 by changing the saturation by 10% instead.

 58, 19.148,
194.209


 58, 19.148,
194.209


 100, 19.148,
194.209


 48, 19.148,
194.209


 78, 19.148,
194.209

 38, 19.148,
194.209

 88, 19.148,
194.209

 28, 19.148,
194.209

 98, 19.148,
194.209

 18, 19.148,
194.209

 8, 19.148, 194.209

 0, 19.148, 194.209

■ 58, 19.148,
194.209

■ 58, 19.148,
194.209

■ 57, 23.291,
193.661

■ 59, 14.481,
194.779

■ 57, 26.832,
193.142

■ 60, 9.379, 195.384

■ 61, 3.929, 196.058

■ 56, 29.709,
192.642

■ 62, 1.782, 16.326

■ 56, 31.892,
192.157

■ 63, 7.680, 17.155

■ 56, 33.389,
191.675

■ 65, 13.700, 17.828

■ 66, 19.790, 18.491

■ 56, 34.292,
191.190

■ 68, 25.906, 19.149

■ 56, 34.535,
191.042

■ 70, 32.016, 19.801

Harmonies

Complementary

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



58, 19.148, 194.209



46, 24.196, 19.973

Rectangle

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



58, 19.148, 194.209



58, 19.148, 244.209



58, 19.148, 14.209



58, 19.148, 64.209

Sweetspot

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



58, 19.148, 194.206



77, 7.664, 195.751



57, 37.366, 140.654



40, 5.120, 195.672



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, 19.148, 194.206



73, 27.326, 193.770



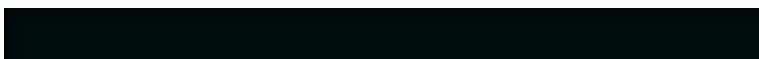
51, 17.364, 255.550



31, 3.172, 195.891



52, 32.607, 191.078



2, 2.834, 196.394

Inverse Universe

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



46, 24.196, 19.973



56, 36.585, 21.271



52, 19.863, 65.697



29, 3.344, 16.942



28, 63.943, 37.477



1, 2.834, 16.377

Previews

White Background



This preview shows how the CIELCh color 58, 19.148, 194.209 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, 19.148, 194.209 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, 19.148, 194.209

Background



This preview shows how black text looks on a background with the CIELCh color 58, 19.148, 194.209.

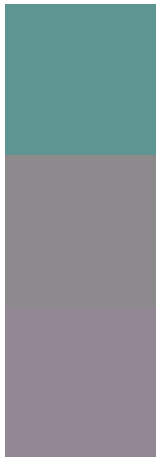


This preview shows how white text looks on a background with the CIELCh color 58, 19.148, 194.209.

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, 19.148, 194.209

Protanopia
58, 2.086, 324.459

Deuteranopia
58, 9.749, 319.224



Tritanopia
58, 17.852, 220.669

Trichromacy



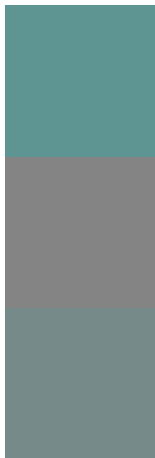
Original Color
58, 19.148, 194.209

Protanomaly
58, 6.788, 203.641

Deuteranomaly
58, 6.715, 249.055

Tritanomaly
58, 17.942, 210.786

Monochromacy



Original Color
58, 19.148, 194.209

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 7.615, 194.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 19.148, 194.209 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(94, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(94, 149, 147)  
}
```

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(94, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 149, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 19.148, 194.209 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(94, 149, 147) }
```

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

```
.border{ border-color:rgb(94, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 149, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 149, 147); box-shadow:4px 4px 4px 4px rgb(94, 149, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 19.148, 194.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 149, 147) }
```

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

```
.background{ background-color: rgb(94, 149,  
147) }
```

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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