

Converting Colors

CIELCh(58, 15.667, 171.352)

Have a look what the booklet for
CIELCh(58, 15.667, 171.352)
contains.

CIELCh(58, 15.594, 171.939)	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, 15.594, 171.939)

Conversions

Conversions Part 1

Format	Color
Hex	6E9387
RGB	110, 147, 135
RGB Percent	43%, 58%, 53%
CMY	0.5683, 0.4232, 0.4703
CMYK	0.25, 0.00, 0.08, 0.42
HSL	161°, 15%, 50%
HSV	161°, 25%, 58%
XYZ	21.2625, 25.9610, 26.8385
YIQ	134.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

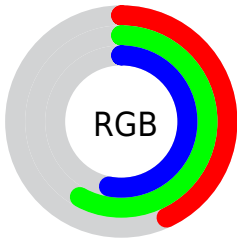
Format	Color
R_{YB}	110, 132, 147
Decimal	7246727
CIE _{Lab}	58.00, -15.44, 2.19
CIE _{LCh}	58, 15.594, 171.939
Yxy	25.9610, 0.2871, 0.3505
Android (android.graphics.Color)	4285436807 (0xFF6E9387)
YUV	134.5690, 0.2125, -21.5470
Hunter-Lab	50.9519, -14.6769, 4.4359

Details

The CIELCh color $58, 15.594, 171.939$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $50, 16.649, 356.844$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 15.703, 171.882$, and $38, 15.566, 171.567$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.458, 170.843$, and if you desaturate by 10%, it is $59, 9.496, 172.951$.

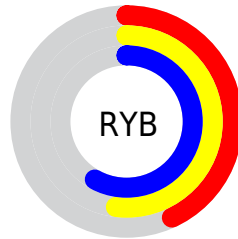
Distribution



Red (43%)

Green (58%)

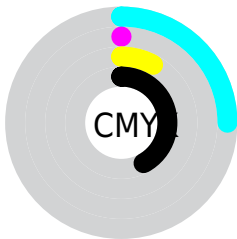
Blue (53%)



Red (43%)

Yellow (52%)

Blue (58%)

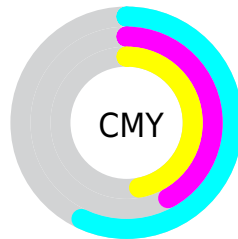


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (57%)


Magenta (42%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.594, 171.939 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, 15.594, 171.939 by changing the saturation by 10% instead.


 58, 15.594,
171.939


 58, 15.594,
171.939


 100, 15.594,
171.939


 48, 15.594,
171.939


 78, 15.594,
171.939

 38, 15.594,
171.939

 88, 15.594,
171.939

 28, 15.594,
171.939

 98, 15.594,
171.939

 18, 15.594,
171.939

 8, 15.594, 171.939

 0, 15.594, 171.939

■ 58, 15.594,
171.939

■ 58, 15.594,
171.939

■ 57, 21.458,
170.843

■ 59, 9.496, 172.951

■ 56, 26.985,
169.647

■ 60, 3.250, 173.953

■ 56, 32.076,
168.326

■ 62, 3.065, 354.581

■ 55, 36.642,
166.856

■ 65, 15.661,
356.263

■ 54, 40.614,
165.214

■ 66, 21.855,
357.002

■ 54, 43.962,
163.384

■ 68, 27.941,
357.704

■ 54, 46.720,
161.368

■ 70, 33.901,
358.374

■ 54, 47.975,

■ 72, 39.726,

160.409

359.016

Harmonies

Complementary

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



58, 15.594, 171.939



50, 16.649, 356.844

Rectangle

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



58, 15.594, 171.939



58, 15.594, 221.939



58, 15.594, 351.939



58, 15.594, 41.939

Sweetspot

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



58, 15.595, 171.936



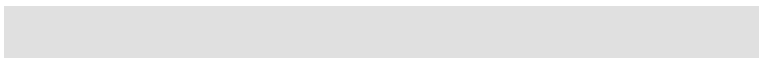
76, 6.236, 173.639



58, 23.153, 133.554



40, 4.464, 173.499



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, 15.595, 171.936



73, 22.857, 171.351



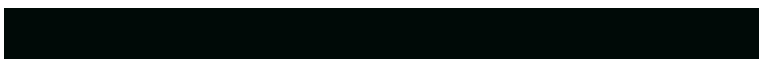
57, 11.562, 216.279



31, 3.569, 173.535



51, 45.621, 160.552



2, 3.143, 174.302

Inverse Universe

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



50, 16.649, 356.844



62, 24.769, 357.542



52, 13.681, 35.790



29, 3.655, 355.074



28, 54.516, 17.392



1, 3.143, 354.289

Previews

White Background



This preview shows how the CIELCh color 58, 15.594, 171.939 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, 15.594, 171.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

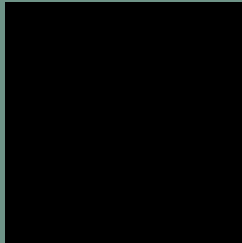
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.594, 171.939

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.594, 171.939.

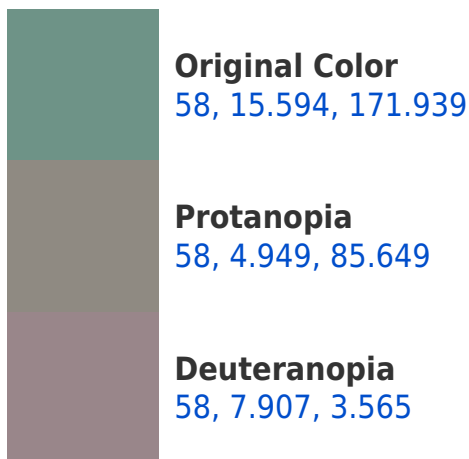


This preview shows how white text looks on a background with the CIELCh color 58, 15.594, 171.939.

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, 12.420, 232.107

Trichromacy



Original Color
58, 15.594, 171.939

Protanomaly
58, 6.487, 146.894

Deuteranomaly
58, 1.382, 144.508

Tritanomaly
58, 11.674, 206.818

Monochromacy



Original Color
58, 15.594, 171.939

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 5.559, 174.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.594, 171.939 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(110, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(110, 147, 135)  
}
```

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(110, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 147, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.594, 171.939 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(110, 147, 135) }
```

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

```
.border{ border-color:rgb(110, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(110, 147,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.594, 171.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 147, 135) }
```

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

```
.background{ background-color: rgb(110,  
147, 135) }
```

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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