

Converting Colors

CIELCh(58, 15.717, 199.010)

Have a look what the booklet for
CIELCh(58, 15.717, 199.010)
contains.

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Color

CIELCh(58, 15.570, 200.088)

Conversions

Conversions Part 1

Format	Color
Hex	679394
RGB	103, 147, 148
RGB Percent	40%, 58%, 58%
CMY	0.5954, 0.4228, 0.4189
CMYK	0.30, 0.01, 0.00, 0.42
HSL	181°, 18%, 49%
HSV	181°, 30%, 58%
XYZ	21.4347, 25.9610, 31.9726
YIQ	133.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

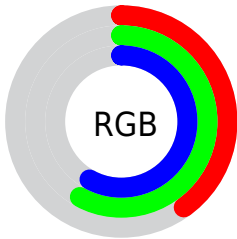
Format	Color
RYB	103, 125, 148
Decimal	6787988
CIELab	58.00, -14.62, -5.35
CIElCh	58, 15.570, 200.088
Yxy	25.9610, 0.2701, 0.3271
Android (android.graphics.Color)	4284978068 (0xFF679394)
YUV	133.9580, 6.9227, -27.1502
Hunter-Lab	50.9519, -14.0737, -1.5384

Details

The CIELCh color **58, 15.570, 200.088** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 19.102, 23.497**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 15.419, 200.295**, and **38, 15.522, 199.774** is the 20% darker color. If you saturate the color by 10%, you get **57, 19.851, 199.789**, and if you desaturate by 10%, it is **59, 10.813, 200.451**.

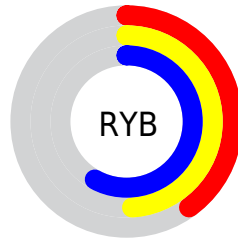
Distribution



Red (40%)

Green (58%)

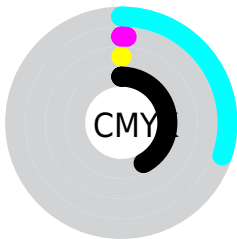
Blue (58%)



Red (40%)

Yellow (49%)

Blue (58%)

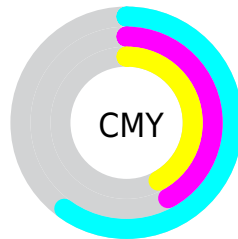


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (60%)


Magenta (42%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 15.570, 200.088 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, 15.570, 200.088 by changing the saturation by 10% instead.


 58, 15.570,
200.088


 58, 15.570,
200.088


 100, 15.570,
200.088


 48, 15.570,
200.088


 78, 15.570,
200.088

 38, 15.570,
200.088

 88, 15.570,
200.088

 28, 15.570,
200.088

 98, 15.570,
200.088

 18, 15.570,
200.088

 8, 15.570, 200.088

 0, 15.570, 200.088

■ 58, 15.570,
200.088

■ 58, 15.570,
200.088

■ 57, 19.851,
199.789

■ 59, 10.813,
200.451

■ 56, 23.571,
199.572

■ 60, 5.663, 200.899

■ 61, 0.207, 203.425

■ 56, 26.662,
199.441

■ 63, 5.482, 21.689

■ 55, 29.077,
199.404

■ 64, 11.335, 22.251

■ 55, 30.798,
199.464

■ 66, 17.296, 22.803

■ 67, 23.321, 23.362

■ 55, 31.851,
199.625

■ 69, 29.371, 23.924

■ 54, 32.428,
199.848

■ 71, 35.420, 24.487

Harmonies

Complementary

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



58, 15.570, 200.088



49, 19.102, 23.497

Rectangle

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



58, 15.570, 200.088



58, 15.570, 250.088



58, 15.570, 20.088



58, 15.570, 70.088

Sweetspot

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



58, 15.570, 200.084



77, 6.135, 200.961



57, 30.842, 142.818



40, 4.237, 200.892



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, 15.570, 200.084



74, 22.387, 199.887



51, 15.276, 261.868



31, 3.089, 200.960



51, 30.746, 199.824



2, 2.766, 201.311

Inverse Universe

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



50, 30.726, 326.658



61, 45.144, 326.988



54, 16.434, 73.463



29, 5.689, 325.508



32, 71.860, 329.111



1, 4.948, 325.033

Previews

White Background



This preview shows how the CIELCh color 58, 15.570, 200.088 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, 15.570, 200.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

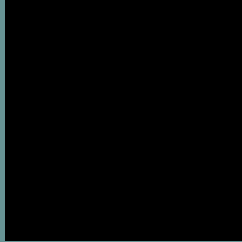
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 15.570, 200.088

Background



This preview shows how black text looks on a background with the CIELCh color 58, 15.570, 200.088.



This preview shows how white text looks on a background with the CIELCh color 58, 15.570, 200.088.

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, 15.570, 200.088

Protanopia

58, 2.964, 305.645

Deuteranopia

58, 10.250, 317.720



Tritanopia
58, 15.256, 222.610

Trichromacy



Original Color
58, 15.570, 200.088

Protanomaly
58, 5.690, 222.655

Deuteranomaly
58, 6.877, 265.183

Tritanomaly
58, 15.142, 215.765

Monochromacy



Original Color
58, 15.570, 200.088

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.085, 198.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 15.570, 200.088 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(103, 147, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 147, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 15.570, 200.088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

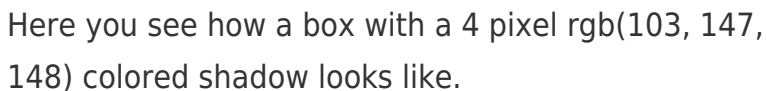
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 147, 148) }
```

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

```
.border{ border-color:rgb(103, 147, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(103, 147,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 15.570, 200.088 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, 148) }
```

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

```
.background{ background-color: rgb(103,  
147, 148) }
```

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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