

Converting Colors

CIELCh(58, 8.556, 202.465)

Have a look what the booklet for
CIELCh(58, 8.556, 202.465) contains.

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Color

CIELCh(58, 8.564, 202.461)

Conversions

Conversions Part 1

Format	Color
Hex	799091
RGB	121, 144, 145
RGB Percent	47%, 56%, 57%
CMY	0.5264, 0.4362, 0.4323
CMYK	0.17, 0.01, 0.00, 0.43
HSL	182°, 10%, 52%
HSV	182°, 17%, 57%
XYZ	22.8836, 25.9610, 30.4981
YIQ	137.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

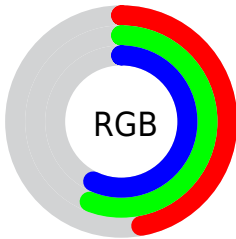
Format	Color
R_{YB}	121, 133, 145
Decimal	7966865
CIE _{Lab}	58.00, -7.91, -3.27
CIE _{LCh}	58, 8.564, 202.461
Yxy	25.9610, 0.2884, 0.3272
Android (android.graphics.Color)	4286156945 (0xFF799091)
YUV	137.2370, 3.8272, -14.2398
Hunter-Lab	50.9519, -8.9978, 0.1774

Details

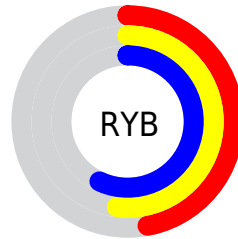
The CIELCh color **58, 8.564, 202.461** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 9.523, 23.851**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 8.516, 202.441**, and **38, 8.655, 202.427** is the 20% darker color. If you saturate the color by 10%, you get **57, 13.295, 202.140**, and if you desaturate by 10%, it is **59, 3.488, 202.883**.

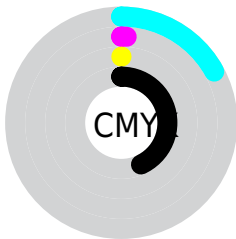
Distribution



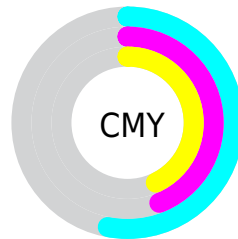
- Red (47%)
- Green (56%)
- Blue (57%)



- Red (47%)
- Yellow (52%)
- Blue (57%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.564, 202.461 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, 8.564, 202.461 by changing the saturation by 10% instead.

■ 58, 8.564, 202.461

■ 58, 8.564, 202.461

■ 100, 8.564,
202.461

■ 48, 8.564, 202.461

■ 78, 8.564, 202.461

■ 38, 8.564, 202.461

■ 88, 8.564, 202.461

■ 28, 8.564, 202.461

■ 98, 8.564, 202.461

■ 18, 8.564, 202.461

■ 8, 8.564, 202.461

■ 0, 8.564, 202.461

■ 58, 8.564, 202.461

■ 58, 8.564, 202.461

■ 57, 13.295,
202.140

■ 59, 3.488, 202.883

■ 61, 1.858, 22.927

56, 17.597,
201.912

62, 7.403, 23.547

55, 21.389,
201.776

64, 13.089, 24.045

65, 18.866, 24.547

54, 24.595,
201.745

67, 24.694, 25.058

54, 27.160,
201.830

69, 30.542, 25.572

70, 36.385, 26.087

53, 29.053,
202.044

72, 42.206, 26.599

53, 30.278,
202.398

52, 30.921,
202.886

52, 31.101,
203.061

Harmonies

Complementary

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



58, 8.564, 202.461



53, 9.523, 23.851

Rectangle

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



58, 8.564, 202.461



58, 8.564, 252.461



58, 8.564, 22.461



58, 8.564, 72.461

Sweetspot

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



58, 8.565, 202.453



76, 3.304, 202.975



58, 16.314, 144.342



39, 2.244, 202.934



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 8.565, 202.453



73, 12.680, 202.322



55, 8.357, 261.232



30, 2.944, 202.751



49, 29.595, 203.016



2, 2.035, 203.036

Inverse Universe

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



54, 16.241, 326.459



67, 24.350, 326.671



56, 8.635, 76.886



28, 5.452, 326.045



31, 69.849, 329.911



1, 3.662, 325.569

Previews

White Background



This preview shows how the CIELCh color 58, 8.564, 202.461 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 CIE LCh color 58, 8.564, 202.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

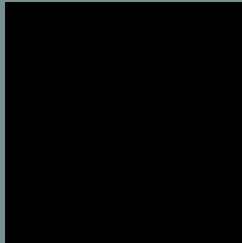
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

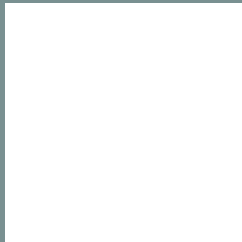
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 8.564, 202.461

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.564, 202.461.



This preview shows how white text looks on a background with the CIELCh color 58, 8.564, 202.461.

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

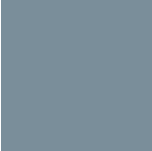
58, 8.564, 202.461

Protanopia

58, 2.575, 317.352

Deuteranopia

58, 8.758, 329.128



Tritanopia
58, 9.804, 243.250

Trichromacy



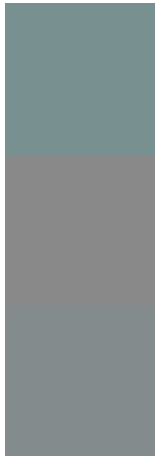
Original Color
58, 8.564, 202.461

Protanomaly
58, 2.839, 236.352

Deuteranomaly
58, 4.579, 295.510

Tritanomaly
58, 8.816, 229.998

Monochromacy



Original Color
58, 8.564, 202.461

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.119, 209.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.564, 202.461 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(121, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(121, 144, 145)  
}
```

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(121, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 144, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.564, 202.461 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(121, 144, 145) }
```

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

```
.border{ border-color:rgb(121, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(121, 144,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.564, 202.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 144, 145) }
```

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

```
.background{ background-color: rgb(121,  
144, 145) }
```

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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