

Converting Colors

CIELCh(58, 25.725, 216.658)

Have a look what the booklet for
CIELCh(58, 25.725, 216.658)
contains.

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Color

CIELCh(58, 25.845, 215.458)

Conversions

Conversions Part 1

Format	Color
Hex	4397A5
RGB	67, 151, 165
RGB Percent	26%, 59%, 65%
CMY	0.7381, 0.4086, 0.3538
CMYK	0.59, 0.08, 0.00, 0.35
HSL	189°, 42%, 45%
HSV	189°, 59%, 65%
XYZ	20.1048, 25.9610, 39.4491
YIQ	127.4800, -54.5580, -13.4540

Conversions

Conversions Part 2

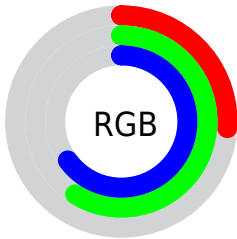
Format	Color
R _Y B	67, 112, 165
Decimal	4429733
CIE Lab	58.00, -21.05, -14.99
CIE LCh	58, 25.845, 215.458
Yxy	25.9610, 0.2351, 0.3036
Android (android.graphics.Color)	4282619813 (0xFF4397A5)
YUV	127.4800, 18.4974, -53.0410
Hunter-Lab	50.9519, -18.7327, -10.2384

Details

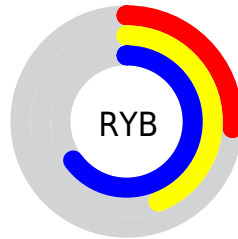
The CIELCh color **58, 25.845, 215.458** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 41.288, 36.057**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 25.848, 216.023**, and **38, 24.314, 216.245** is the 20% darker color. If you saturate the color by 10%, you get **57, 28.236, 216.677**, and if you desaturate by 10%, it is **59, 22.777, 214.554**.

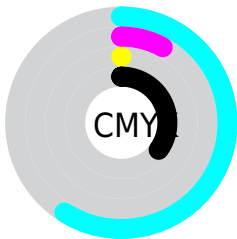
Distribution



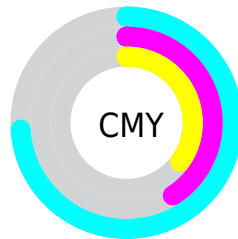
- Red (26%)
- Green (59%)
- Blue (65%)



- Red (26%)
- Yellow (44%)
- Blue (65%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)





- Cyan (74%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 25.845, 215.458 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, 25.845, 215.458 by changing the saturation by 10% instead.


 58, 25.845,
215.458


 58, 25.845,
215.458


 100, 25.845,
215.458


 48, 25.845,
215.458


 78, 25.845,
215.458

 38, 25.845,
215.458

 88, 25.845,
215.458

 28, 25.845,
215.458

 98, 25.845,
215.458

 18, 25.845,
215.458

 8, 25.845, 215.458

 0, 25.845, 215.458

■ 58, 25.845,
215.458

■ 58, 25.845,
215.458

■ 57, 28.236,
216.677

■ 59, 22.777,
214.554

■ 56, 29.928,
218.275

■ 61, 19.089,
213.915

■ 55, 30.948,
220.305

■ 62, 14.855,
213.493

■ 54, 31.471,
222.723

■ 64, 10.159,
213.249

■ 54, 31.497,
222.850

■ 66, 5.087, 213.175

■ 68, 0.284, 31.380

■ 70, 5.885, 33.054

■ 72, 11.655, 33.226

■ 74, 17.546, 33.420

Harmonies

Complementary

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



58, 25.845, 215.458



45, 41.288, 36.057

Rectangle

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



58, 25.845, 215.458



58, 25.845, 265.458



58, 25.845, 35.458



58, 25.845, 85.458

Sweetspot

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



58, 25.844, 215.456



82, 11.662, 213.232



60, 58.713, 142.901



42, 8.019, 213.278



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 25.844, 215.456



72, 34.989, 217.088



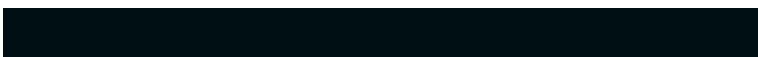
44, 37.934, 280.099



34, 3.013, 213.176



48, 28.738, 222.535



4, 4.681, 217.344

Inverse Universe

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



45, 57.579, 332.208



54, 80.549, 332.998



56, 38.982, 80.419



32, 5.680, 329.122



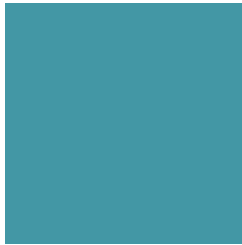
33, 68.127, 334.726



1, 8.552, 329.880

Previews

White Background



This preview shows how the CIELCh color 58, 25.845, 215.458 looks on a white background.

Color Contrast Check

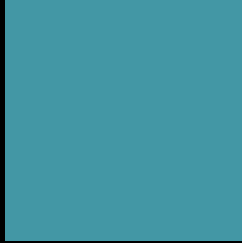
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.845, 215.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

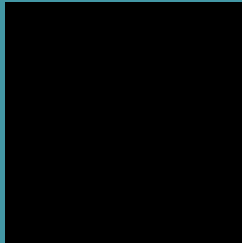
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 25.845, 215.458

Background



This preview shows how black text looks on a background with the CIELCh color 58, 25.845, 215.458.



This preview shows how white text looks on a background with the CIELCh color 58, 25.845, 215.458.

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, 25.845, 215.458

Protanopia

58, 10.259, 287.236

Deuteranopia

58, 18.248, 293.385



Tritanopia
58, 25.951, 212.678

Trichromacy



Original Color
58, 25.845, 215.458

Protanomaly
58, 14.114, 239.065

Deuteranomaly
57, 17.610, 256.635

Tritanomaly
58, 25.986, 213.995

Monochromacy



Original Color
58, 25.845, 215.458

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 11.535, 212.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 25.845, 215.458 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(67, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(67, 151, 165)  
}
```

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(67, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 151, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 25.845, 215.458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

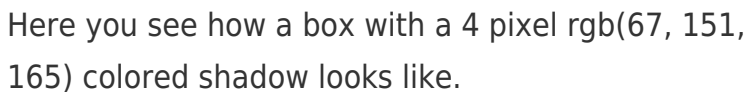
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 151, 165) }
```

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

```
.border{ border-color:rgb(67, 151, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(67, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 151, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 151, 165); box-shadow:4px 4px 4px 4px rgb(67, 151, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 25.845, 215.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 151, 165) }
```

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

```
.background{ background-color: rgb(67, 151,  
165) }
```

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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