

Converting Colors

CIELCh(58, 29.649, 289.100)

Have a look what the booklet for
CIELCh(58, 29.649, 289.100)
contains.

CIELCh(58, 29.611, 289.074)	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, 29.611, 289.074)

Conversions

Conversions Part 1

Format	Color
Hex	8188BC
RGB	129, 136, 188
RGB Percent	51%, 53%, 74%
CMY	0.4936, 0.4661, 0.2622
CMYK	0.31, 0.28, 0.00, 0.26
HSL	233°, 31%, 62%
HSV	233°, 31%, 74%
XYZ	26.9897, 25.9610, 51.2460
YIQ	139.8350, -20.8640, 14.6880

Conversions

Conversions Part 2

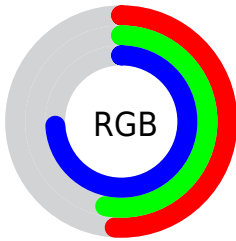
Format	Color
R_{YB}	129, 135, 188
Decimal	8489148
CIE _{Lab}	58.00, 9.68, -27.99
CIE _{LCh}	58, 29.611, 289.074
Yxy	25.9610, 0.2590, 0.2492
Android (android.graphics.Color)	4286679228 (0xFF8188BC)
YUV	139.8350, 23.7453, -9.5023
Hunter-Lab	50.9519, 5.3872, -23.9659

Details

The CIELCh color **58, 29.611, 289.074** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **73, 28.009, 101.518**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 29.509, 289.064**, and **38, 30.168, 289.816** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.793, 290.898**, and if you desaturate by 10%, it is **64, 19.807, 287.511**.

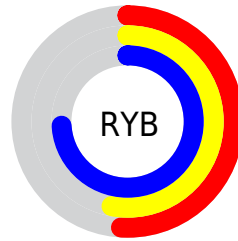
Distribution



Red (51%)

Green (53%)

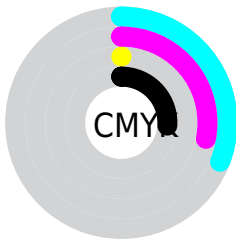
Blue (74%)



Red (51%)

Yellow (53%)

Blue (74%)

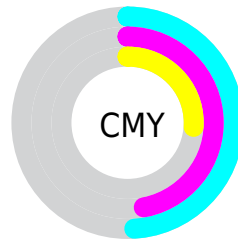


Cyan (31%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (49%)


Magenta (47%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 29.611, 289.074 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, 29.611, 289.074 by changing the saturation by 10% instead.


 58, 29.611,
289.074


 58, 29.611,
289.074


 100, 29.611,
289.074


 48, 29.611,
289.074


 78, 29.611,
289.074

 38, 29.611,
289.074


 88, 29.611,
289.074

 28, 29.611,
289.074

 98, 29.611,
289.074

 18, 29.611,
289.074

 8, 29.611, 289.074

 0, 29.611, 289.074

■ 58, 29.611,
289.074

■ 58, 29.611,
289.074

■ 52, 39.793,
290.898

■ 64, 19.807,
287.511

■ 46, 50.376,
293.005

■ 70, 10.356,
286.180

■ 41, 61.336,
295.385

■ 76, 1.228, 285.118

■ 81, 7.601, 104.036

■ 36, 72.527,
297.968

■ 87, 16.151,
103.201

■ 31, 83.534,
300.594

■ 93, 24.438,
102.474

■ 27, 93.488,
303.003

■ 98, 32.327,
105.809

■ 24, 100.308,
304.621

■ 99, 33.629,
107.617

Harmonies

Complementary

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



58, 29.611, 289.074



73, 28.009, 101.518

Rectangle

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



58, 29.611, 289.074



58, 29.611, 339.074



58, 29.611, 109.074



58, 29.611, 159.074

Sweetspot

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



58, 29.610, 289.074



90, 10.123, 285.915



72, 20.850, 185.853



47, 7.048, 286.088



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 29.610, 289.074



69, 45.040, 290.371



58, 34.536, 306.160



37, 5.161, 285.939



20, 87.447, 304.378



2, 15.954, 287.107

Inverse Universe

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



60, 24.393, 12.966



72, 37.279, 14.104



73, 32.626, 122.640



37, 4.139, 10.371



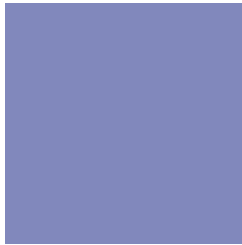
33, 68.136, 34.247



3, 12.358, 12.605

Previews

White Background



This preview shows how the CIELCh color 58, 29.611, 289.074 looks on a white background.

Color Contrast Check

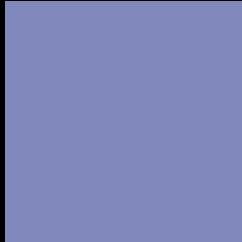
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.611, 289.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

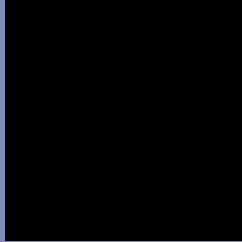
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.611, 289.074

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.611, 289.074.



This preview shows how white text looks on a background with the CIELCh color 58, 29.611, 289.074.

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

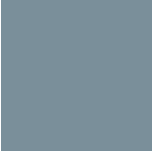
58, 29.611, 289.074

Protanopia

58, 29.732, 285.401

Deuteranopia

58, 29.141, 285.768



Tritanopia
58, 9.702, 239.163

Trichromacy



Original Color
58, 29.611, 289.074

Protanomaly
58, 29.668, 286.600

Deuteranomaly
58, 29.081, 287.003

Tritanomaly
58, 15.103, 269.971

Monochromacy



Original Color
58, 29.611, 289.074

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 10.836, 285.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.611, 289.074 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(129, 136, 188)` looks like.

```
.text, #text, p{  
    color:rgb(129, 136, 188)  
}
```

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(129, 136, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 136, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.611, 289.074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

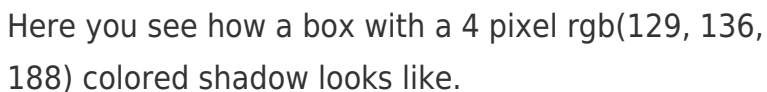
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 136, 188) }
```

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

```
.border{ border-color:rgb(129, 136, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 136, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 136, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 136, 188);  
box-shadow:4px 4px 4px 4px rgb(129, 136,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.611, 289.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 136, 188) }
```

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

```
.background{ background-color: rgb(129,  
136, 188) }
```

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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