

Converting Colors

CIE LCh(58, 33.329, 333.352)

Have a look what the booklet for
CIELCh(58, 33.329, 333.352)
contains.

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Color

CIELCh(58, 33.279, 333.510)

Conversions

Conversions Part 1

Format	Color
Hex	B379A6
RGB	179, 121, 166
RGB Percent	70%, 47%, 65%
CMY	0.2986, 0.5260, 0.3495
CMYK	0.00, 0.32, 0.07, 0.30
HSL	313°, 28%, 59%
HSV	313°, 32%, 70%
XYZ	32.2532, 25.9610, 39.3255
YIQ	143.4720, 20.1230, 26.2910

Conversions

Conversions Part 2

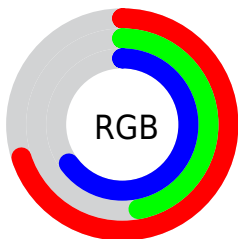
Format	Color
R_{YB}	179, 121, 166
Decimal	11762086
CIE _{Lab}	58.00, 29.79, -14.84
CIE _{LCh}	58, 33.279, 333.510
Yxy	25.9610, 0.3307, 0.2662
Android (android.graphics.Color)	4289952166 (0xFFB379A6)
YUV	143.4720, 11.1063, 31.1581
Hunter-Lab	50.9519, 23.8270, -10.0947

Details

The CIELCh color **58, 33.279, 333.510** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 33.095, 148.873**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 33.414, 333.801**, and **38, 33.283, 333.389** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.169, 334.232**, and if you desaturate by 10%, it is **62, 23.040, 332.817**.

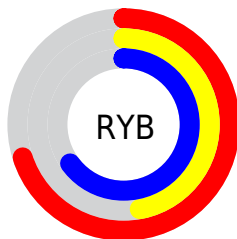
Distribution



Red (70%)

Green (47%)

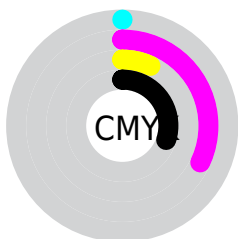
Blue (65%)



Red (70%)

Yellow (47%)

Blue (65%)

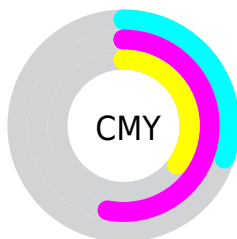


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (30%)



Cyan (30%)


Magenta (53%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.279, 333.510 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, 33.279, 333.510 by changing the saturation by 10% instead.


 58, 33.279,
333.510


 58, 33.279,
333.510


 100, 33.279,
333.510


 48, 33.279,
333.510


 78, 33.279,
333.510

 38, 33.279,
333.510

 88, 33.279,
333.510

 28, 33.279,
333.510

 98, 33.279,
333.510

 18, 33.279,
333.510

 8, 33.279, 333.510

 0, 33.279, 333.510

■ 58, 33.279,
333.510

■ 58, 33.279,
333.510

■ 54, 43.169,
334.232

■ 62, 23.040,
332.817

■ 50, 52.376,
334.987

■ 67, 12.712,
332.146

■ 47, 60.469,
335.787

■ 72, 2.462, 331.418

■ 44, 66.985,
336.651

■ 77, 7.600, 150.971

■ 42, 71.516,
337.611

■ 81, 17.413,
150.374


■ 41, 73.848,
338.709

■ 86, 26.945,
149.823

■ 40, 74.536,
339.629

■ 91, 36.185,
149.304

■ 94, 39.884,
149.992

 94, 38.320,
151.965

Harmonies

Complementary

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



58, 33.279, 333.510



68, 33.095, 148.873

Rectangle

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



58, 33.279, 333.510



58, 33.279, 23.510



58, 33.279, 153.510



58, 33.279, 203.510

Sweetspot

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



58, 33.277, 333.510



86, 12.629, 331.996



54, 33.859, 301.246



45, 8.694, 332.089



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 33.277, 333.510



70, 49.201, 334.030



57, 25.033, 0.758



35, 5.775, 331.939



34, 66.557, 339.456



2, 13.034, 334.797

Inverse Universe

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



58, 33.277, 333.510



70, 49.201, 334.030



69, 22.622, 173.951



35, 5.775, 331.939



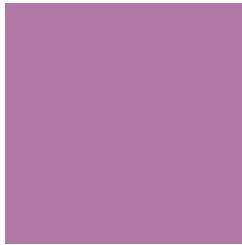
34, 66.557, 339.456



2, 13.034, 334.797

Previews

White Background



This preview shows how the CIELCh color 58, 33.279, 333.510 looks on a white background.

Color Contrast Check

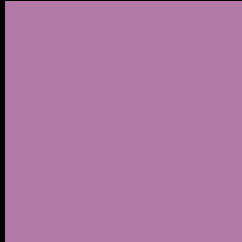
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.279, 333.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

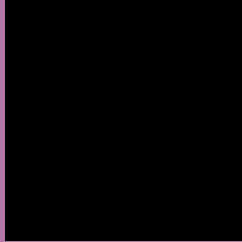
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 33.279, 333.510

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.279, 333.510.

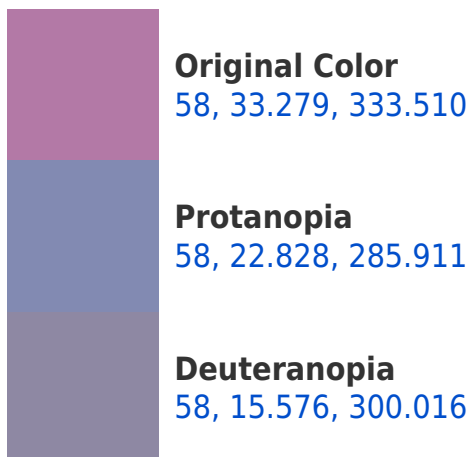


This preview shows how white text looks on a background with the CIELCh color 58, 33.279, 333.510.

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, 20.603, 5.950

Trichromacy



Original Color
58, 33.279, 333.510

Protanomaly
58, 24.707, 306.152

Deuteranomaly
58, 20.875, 317.429

Tritanomaly
58, 24.136, 349.758

Monochromacy



Original Color
58, 33.279, 333.510

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.209, 332.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.279, 333.510 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(179, 121, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 121, 166)  
}
```

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(179, 121, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 121, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.279, 333.510 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(179, 121, 166) }
```

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

```
.border{ border-color:rgb(179, 121, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 121, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 121, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 121, 166);  
box-shadow:4px 4px 4px 4px rgb(179, 121,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.279, 333.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 121, 166) }
```

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

```
.background{ background-color: rgb(179,  
121, 166) }
```

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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