

Converting Colors

CIELCh(58, 29.853, 333.573)

Have a look what the booklet for
CIELCh(58, 29.853, 333.573)
contains.

CIELCh(58, 29.853, 333.573)	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, 29.853, 333.573)

Conversions

Conversions Part 1

Format	Color
Hex	AF7BA3
RGB	175, 123, 163
RGB Percent	69%, 48%, 64%
CMY	0.3133, 0.5173, 0.3604
CMYK	0.00, 0.30, 0.07, 0.31
HSL	314°, 25%, 58%
HSV	314°, 30%, 69%
XYZ	31.4140, 25.9610, 38.0495
YIQ	143.1080, 18.1520, 23.4640

Conversions

Conversions Part 2

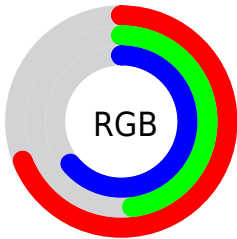
Format	Color
RYB	175, 123, 163
Decimal	11500451
CIELab	58.00, 26.73, -13.29
CIELCh	58, 29.853, 333.573
Yxy	25.9610, 0.3292, 0.2721
Android (android.graphics.Color)	4289690531 (0xFFAF7BA3)
YUV	143.1080, 9.8068, 27.9693
Hunter-Lab	50.9519, 20.8867, -8.6098

Details

The CIELCh color **58, 29.853, 333.573** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 29.675, 149.372**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 29.875, 333.407**, and **38, 30.010, 333.985** is the 20% darker color. If you saturate the color by 10%, you get **54, 39.655, 334.294**, and if you desaturate by 10%, it is **62, 19.790, 332.882**.

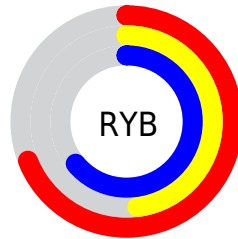
Distribution



Red (69%)

Green (48%)

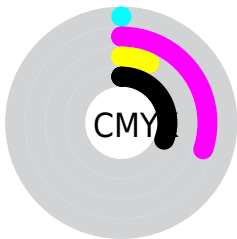
Blue (64%)



Red (69%)

Yellow (48%)

Blue (64%)

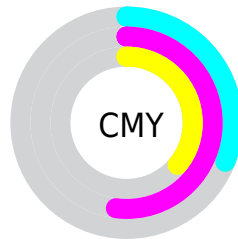


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 29.853, 333.573 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, 29.853, 333.573 by changing the saturation by 10% instead.


 58, 29.853,
333.573


 58, 29.853,
333.573


 100, 29.853,
333.573


 48, 29.853,
333.573


 78, 29.853,
333.573

 38, 29.853,
333.573

 88, 29.853,
333.573

 28, 29.853,
333.573

 98, 29.853,
333.573

 18, 29.853,
333.573

 8, 29.853, 333.573

 0, 29.853, 333.573

58, 29.853,
333.573

58, 29.853,
333.573

54, 39.655,
334.294

62, 19.790,
332.882

50, 48.891,
335.049

67, 9.693, 332.210

47, 57.164,
335.849

72, 0.291, 152.602

44, 64.021,
336.712

76, 10.070,
151.042

42, 69.035,
337.667

81, 19.594,
150.460

40, 71.925,
338.757

86, 28.839,
149.917

39, 73.007,
339.996

91, 37.798,
149.405

39, 73.035,

94, 41.715,
149.984

340.033

 94, 40.139,
151.883

Harmonies

Complementary

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



58, 29.853, 333.573



67, 29.675, 149.372

Rectangle

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



58, 29.853, 333.573



58, 29.853, 23.573



58, 29.853, 153.573



58, 29.853, 203.573

Sweetspot

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



58, 29.851, 333.574



85, 11.103, 332.173



54, 30.328, 300.977



45, 7.785, 332.269



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



58, 29.851, 333.574



70, 44.527, 334.069



57, 22.449, 0.365



34, 5.612, 332.183



34, 65.446, 339.855



2, 11.127, 334.690

Inverse Universe

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



58, 29.851, 333.574



70, 44.527, 334.069



68, 20.474, 174.256



34, 5.612, 332.183



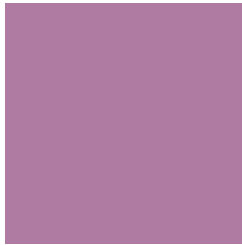
34, 65.446, 339.855



2, 11.127, 334.690

Previews

White Background



This preview shows how the CIELCh color 58, 29.853, 333.573 looks on a white background.

Color Contrast Check

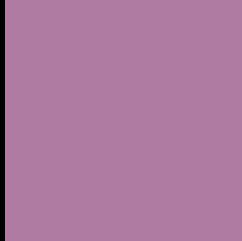
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.853, 333.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

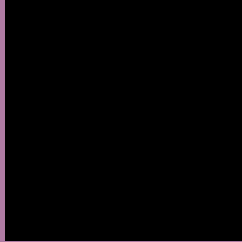
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 29.853, 333.573

Background



This preview shows how black text looks on a background with the CIELCh color 58, 29.853, 333.573.

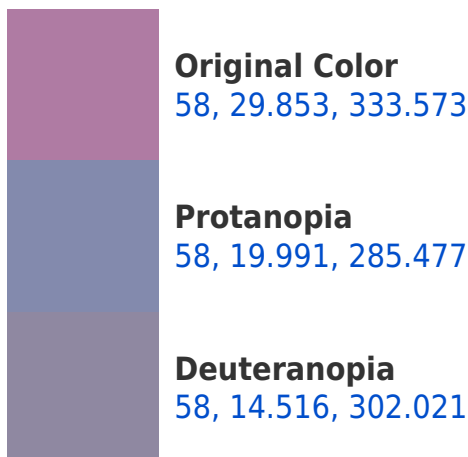



This preview shows how white text looks on a background with the CIELCh color 58, 29.853, 333.573.

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, 18.578, 3.889

Trichromacy



Original Color
58, 29.853, 333.573

Protanomaly
58, 21.221, 306.246

Deuteranomaly
58, 19.872, 318.846

Tritanomaly
58, 21.905, 349.206

Monochromacy



Original Color
58, 29.853, 333.573

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 10.856, 333.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 29.853, 333.573 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(175, 123, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 163)  
}
```

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(175, 123, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 29.853, 333.573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

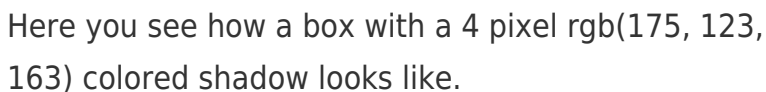
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 123, 163) }
```

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

```
.border{ border-color:rgb(175, 123, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 123, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 123, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 123, 163); box-shadow:4px 4px 4px 4px rgb(175, 123, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 29.853, 333.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 163) }
```

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

```
.background{ background-color: rgb(175,  
123, 163) }
```

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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