

Converting Colors

CIELCh(58, 31.886, 328.294)

Have a look what the booklet for
CIELCh(58, 31.886, 328.294)
contains.

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Color

CIELCh(58, 31.919, 328.303)

Conversions

Conversions Part 1

Format	Color
Hex	AD7BA9
RGB	173, 123, 169
RGB Percent	68%, 48%, 66%
CMY	0.3211, 0.5172, 0.3368
CMYK	0.00, 0.29, 0.02, 0.32
HSL	305°, 23%, 58%
HSV	305°, 29%, 68%
XYZ	31.5298, 25.9610, 40.9436
YIQ	143.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

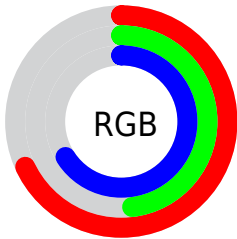
Format	Color
RYB	173, 123, 169
Decimal	11369385
CIELab	58.00, 27.16, -16.77
CIELCh	58, 31.919, 328.303
Yxy	25.9610, 0.3203, 0.2637
Android (android.graphics.Color)	4289559465 (0xFFAD7BA9)
YUV	143.1940, 12.7224, 26.1399
Hunter-Lab	50.9519, 21.2926, -11.9776

Details

The CIELCh color **58, 31.919, 328.303** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 31.893, 144.660**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 31.820, 328.439**, and **38, 32.235, 328.308** is the 20% darker color. If you saturate the color by 10%, you get **54, 42.674, 328.866**, and if you desaturate by 10%, it is **62, 20.873, 327.730**.

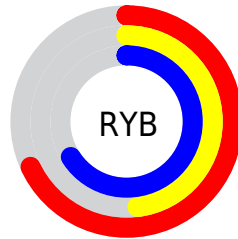
Distribution



Red (68%)

Green (48%)

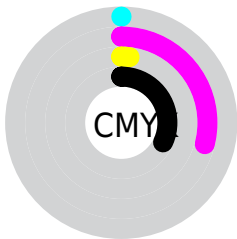
Blue (66%)



Red (68%)

Yellow (48%)

Blue (66%)

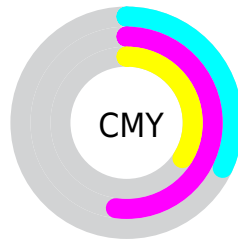


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (32%)



Cyan (32%)


Magenta (52%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 31.919, 328.303 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, 31.919, 328.303 by changing the saturation by 10% instead.


 58, 31.919,
328.303


 58, 31.919,
328.303


 100, 31.919,
328.303


 48, 31.919,
328.303


 78, 31.919,
328.303


 38, 31.919,
328.303

 88, 31.919,
328.303

 28, 31.919,
328.303

 98, 31.919,
328.303

 18, 31.919,
328.303

 8, 31.919, 328.303

 0, 31.919, 328.303

58, 31.919,
328.303

58, 31.919,
328.303

54, 42.674,
328.866

62, 20.873,
327.730

50, 52.824,
329.411

67, 9.777, 327.149

47, 61.968,
329.927

71, 1.209, 146.821

45, 69.663,
330.407

76, 11.982,
146.093

42, 75.498,
330.848

81, 22.481,
145.560

41, 79.212,
331.254

86, 32.675,
145.057


40, 81.034,
331.638

90, 42.555,
144.581

40, 81.209,

93, 48.285,
144.485

331.680

 93, 47.715,
144.978

Harmonies

Complementary

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



58, 31.919, 328.303



66, 31.893, 144.660

Rectangle

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



58, 31.919, 328.303



58, 31.919, 18.303



58, 31.919, 148.303



58, 31.919, 198.303

Sweetspot

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



58, 31.917, 328.303



84, 12.233, 327.165



54, 28.963, 295.849



44, 8.496, 327.248



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 31.917, 328.303



71, 47.581, 328.684



57, 23.155, 350.228



34, 6.240, 327.174



35, 73.289, 331.638



2, 12.798, 327.732

Inverse Universe

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



58, 31.917, 328.303



71, 47.581, 328.684



67, 22.059, 164.690



34, 6.240, 327.174



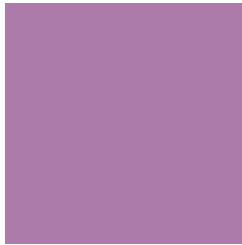
35, 73.289, 331.638



2, 12.798, 327.732

Previews

White Background



This preview shows how the CIELCh color 58, 31.919, 328.303 looks on a white background.

Color Contrast Check

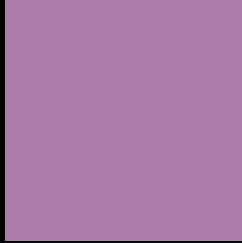
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.919, 328.303 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, 31.919, 328.303

Background



This preview shows how black text looks on a background with the CIELCh color 58, 31.919, 328.303.

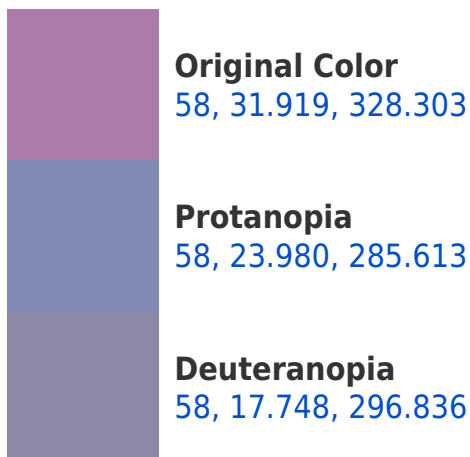


This preview shows how white text looks on a background with the CIELCh color 58, 31.919, 328.303.

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, 17.000, 1.967

Trichromacy



Original Color
58, 31.919, 328.303

Protanomaly
58, 24.952, 302.657

Deuteranomaly
58, 22.535, 312.349

Tritanomaly
58, 21.185, 343.974

Monochromacy



Original Color
58, 31.919, 328.303

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 11.459, 328.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 31.919, 328.303 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(173, 123, 169)` looks like.

```
.text, #text, p{  
    color:rgb(173, 123, 169)  
}
```

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(173, 123, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 123, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 31.919, 328.303 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(173, 123, 169) }
```

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

```
.border{ border-color:rgb(173, 123, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 123, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 123, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 123, 169);  
box-shadow:4px 4px 4px 4px rgb(173, 123,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 31.919, 328.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 123, 169) }
```

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

```
.background{ background-color: rgb(173,  
123, 169) }
```

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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