

Converting Colors

CIELCh(58, 57.878, 315.665)

Have a look what the booklet for
CIELCh(58, 57.878, 315.665)
contains.

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Color

CIELCh(58, 58.193, 315.763)

Conversions

Conversions Part 1

Format	Color
Hex	B072D3
RGB	176, 114, 211
RGB Percent	69%, 45%, 83%
CMY	0.3099, 0.5530, 0.1726
CMYK	0.17, 0.46, 0.00, 0.17
HSL	278°, 52%, 64%
HSV	278°, 46%, 83%
XYZ	35.6711, 25.9610, 64.7468
YIQ	143.5960, 5.8150, 43.3110

Conversions

Conversions Part 2

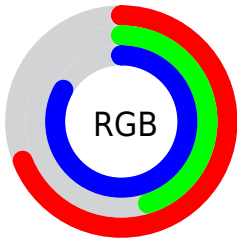
Format	Color
R _Y B	176, 114, 211
Decimal	11563731
CIE Lab	58.00, 41.69, -40.60
CIE LCh	58, 58.193, 315.763
Yxy	25.9610, 0.2823, 0.2054
Android (android.graphics.Color)	4289753811 (0xFFB072D3)
YUV	143.5960, 33.2302, 28.4183
Hunter-Lab	50.9519, 35.8009, -39.6760

Details

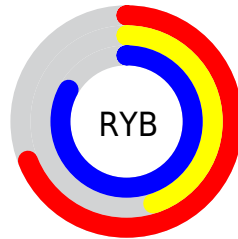
The CIELCh color **58, 58.193, 315.763** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **79, 55.714, 131.575**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 51.893, 318.797**, and **38, 58.512, 315.721** is the 20% darker color. If you saturate the color by 10%, you get **53, 70.492, 316.124**, and if you desaturate by 10%, it is **64, 45.447, 315.340**.

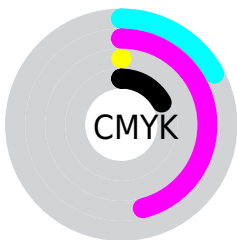
Distribution



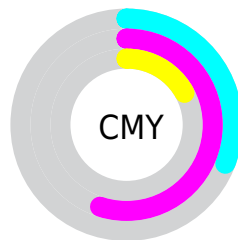
- Red (69%)
- Green (45%)
- Blue (83%)



- Red (69%)
- Yellow (45%)
- Blue (83%)



- Cyan (17%)
- Magenta (46%)
- Yellow (0%)
- Black (17%)





- Cyan (31%)
- Magenta (55%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 58.193, 315.763 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, 58.193, 315.763 by changing the saturation by 10% instead.


 58, 58.193,
315.763


 58, 58.193,
315.763


 100, 58.193,
315.763


 48, 58.193,
315.763


 78, 58.193,
315.763

 38, 58.193,
315.763

 88, 58.193,
315.763

 28, 58.193,
315.763

 98, 58.193,
315.763

 18, 58.193,
315.763

 8, 58.193, 315.763

 0, 58.193, 315.763

58, 58.193,
315.763

58, 58.193,
315.763

53, 70.492,
316.124

64, 45.447,
315.340

48, 81.853,
316.369

69, 32.595,
314.892

44, 91.624,
316.429

75, 19.851,
314.443

41, 99.085,
316.225

81, 7.340, 313.999

38, 103.709,
315.687


87, 4.867, 133.654

38, 105.097,
315.423

93, 16.736,
133.257

97, 24.286,
131.207

98, 23.303,
125.065

 98, 22.617,
118.362

Harmonies

Complementary

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



58, 58.193, 315.763



79, 55.714, 131.575

Rectangle

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



58, 58.193, 315.763



58, 58.193, 5.763



58, 58.193, 135.763



58, 58.193, 185.763

Sweetspot

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



58, 58.191, 315.763



90, 20.250, 314.362



62, 35.554, 276.644



47, 14.013, 314.459



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 58.191, 315.763



64, 80.807, 316.112



62, 56.544, 331.090



41, 6.949, 314.152



29, 88.718, 315.588



3, 27.757, 313.241

Inverse Universe

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



60, 42.052, 357.533



67, 58.216, 359.421



77, 56.711, 144.453



41, 4.970, 352.702



35, 62.633, 15.025



5, 20.767, 2.345

Previews

White Background



This preview shows how the CIELCh color 58, 58.193, 315.763 looks on a white background.

Color Contrast Check

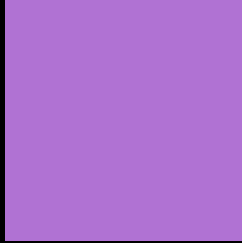
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.193, 315.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

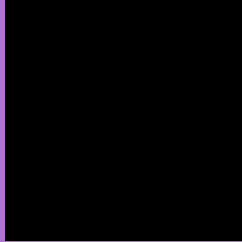
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 58.193, 315.763

Background



This preview shows how black text looks on a background with the CIELCh color 58, 58.193, 315.763.

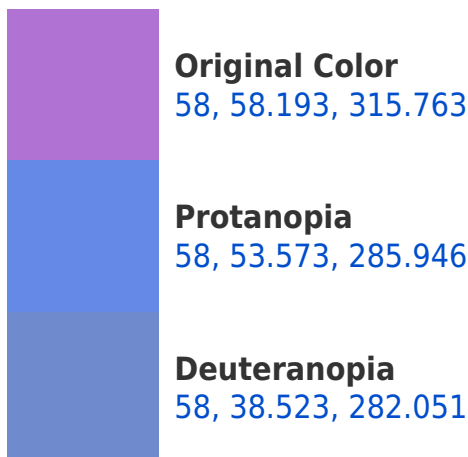


This preview shows how white text looks on a background with the CIELCh color 58, 58.193, 315.763.

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, 15.073, 359.090

Trichromacy



Original Color
58, 58.193, 315.763

Protanomaly
58, 53.991, 295.728

Deuteranomaly
58, 44.483, 297.039

Tritanomaly
58, 29.132, 327.766

Monochromacy



Original Color
58, 58.193, 315.763

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 21.698, 315.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 58.193, 315.763 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(176, 114, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 114, 211)  
}
```

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(176, 114, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 114, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 58.193, 315.763 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(176, 114, 211) }
```

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

```
.border{ border-color:rgb(176, 114, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 114, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 114, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 114, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 114,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 58.193, 315.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 114, 211) }
```

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

```
.background{ background-color: rgb(176,  
114, 211) }
```

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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