

Converting Colors

CIELCh(58, 53.813, 325.782)

Have a look what the booklet for
CIELCh(58, 53.813, 325.782)
contains.

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Color

CIELCh(58, 53.669, 325.638)

Conversions

Conversions Part 1

Format	Color
Hex	BE6EC1
RGB	190, 110, 193
RGB Percent	75%, 43%, 76%
CMY	0.2548, 0.5685, 0.2430
CMYK	0.02, 0.43, 0.00, 0.24
HSL	298°, 40%, 59%
HSV	298°, 43%, 76%
XYZ	36.4512, 25.9610, 53.5594
YIQ	143.3820, 21.0370, 42.7730

Conversions

Conversions Part 2

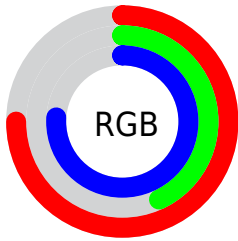
Format	Color
R _Y B	190, 110, 193
Decimal	12480193
CIE Lab	58.00, 44.30, -30.29
CIE LCh	58, 53.669, 325.638
Yxy	25.9610, 0.3143, 0.2239
Android (android.graphics.Color)	4290670273 (0xFFBE6EC1)
YUV	143.3820, 24.4617, 40.8840
Hunter-Lab	50.9519, 38.5338, -26.6578

Details

The CIELCh color $58, 53.669, 325.638$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $71, 53.656, 140.353$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 53.576, 325.636$, and $38, 53.395, 325.745$ is the 20% darker color. If you saturate the color by 10%, you get $54, 64.920, 326.057$, and if you desaturate by 10%, it is $62, 41.575, 325.167$.

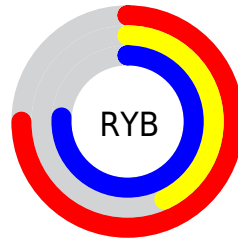
Distribution



Red (75%)

Green (43%)

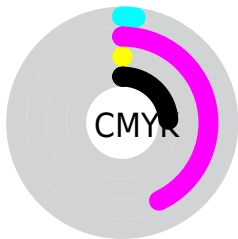
Blue (76%)



Red (75%)

Yellow (43%)

Blue (76%)

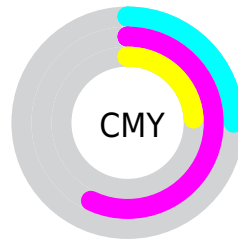


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (57%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 53.669, 325.638 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, 53.669, 325.638 by changing the saturation by 10% instead.


 58, 53.669,
325.638


 58, 53.669,
325.638


 100, 53.669,
325.638

 48, 53.669,
325.638


 78, 53.669,
325.638

 38, 53.669,
325.638

 88, 53.669,
325.638

 28, 53.669,
325.638

 98, 53.669,
325.638

 18, 53.669,
325.638

 8, 53.669, 325.638

 0, 53.669, 325.638

58, 53.669,
325.638

58, 53.669,
325.638

54, 64.920,
326.057

62, 41.575,
325.167

51, 74.862,
326.404

67, 29.040,
324.662

48, 82.997,
326.658

72, 16.362,
324.138

46, 88.923,
326.804

77, 3.752, 323.568

45, 92.462,
326.835

82, 8.651, 143.149

45, 93.893,
326.808

87, 20.760,
142.637

92, 32.530,
142.158

95, 38.327,
141.787

■ 95, 38.187,
141.506

Harmonies

Complementary

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



58, 53.669, 325.638



71, 53.656, 140.353

Rectangle

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



58, 53.669, 325.638



58, 53.669, 15.638



58, 53.669, 145.638



58, 53.669, 195.638

Sweetspot

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



58, 53.667, 325.638



90, 20.185, 324.149



51, 45.900, 294.169



47, 14.137, 324.267



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



58, 53.667, 325.638



69, 78.593, 326.050



57, 40.210, 345.100



38, 7.145, 323.943



37, 81.947, 326.827



4, 23.769, 324.807

Inverse Universe

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



56, 35.535, 21.108



66, 54.357, 23.096



72, 38.763, 156.869



38, 4.188, 16.996



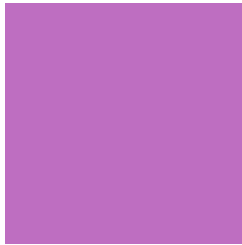
33, 72.309, 38.255



3, 14.014, 17.431

Previews

White Background



This preview shows how the CIELCh color 58, 53.669, 325.638 looks on a white background.

Color Contrast Check

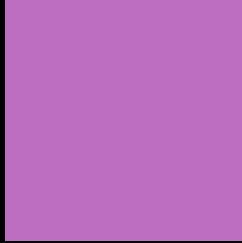
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.669, 325.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

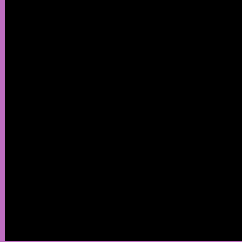
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 53.669, 325.638

Background



This preview shows how black text looks on a background with the CIELCh color 58, 53.669, 325.638.

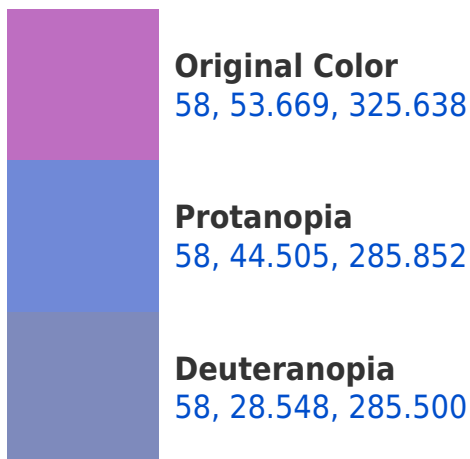


This preview shows how white text looks on a background with the CIELCh color 58, 53.669, 325.638.

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, 24.713, 9.214

Trichromacy



Original Color
58, 53.669, 325.638

Protanomaly
57, 45.890, 300.229

Deuteranomaly
58, 36.187, 305.323

Tritanomaly
58, 32.897, 344.185

Monochromacy



Original Color
58, 53.669, 325.638

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.295, 324.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 53.669, 325.638 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(190, 110, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 110, 193)  
}
```

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(190, 110, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 110, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 53.669, 325.638 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(190, 110, 193) }
```

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

```
.border{ border-color:rgb(190, 110, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 110, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 110, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 110, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 110,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 53.669, 325.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 110, 193) }
```

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

```
.background{ background-color: rgb(190,  
110, 193) }
```

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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