

Converting Colors

CIELCh(58, 51.010, 325.549)

Have a look what the booklet for
CIELCh(58, 51.010, 325.549)
contains.

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Color

CIELCh(58, 50.831, 325.857)

Conversions

Conversions Part 1

Format	Color
Hex	BC70BE
RGB	188, 112, 190
RGB Percent	74%, 44%, 75%
CMY	0.2631, 0.5611, 0.2553
CMYK	0.01, 0.41, 0.00, 0.26
HSL	298°, 37%, 59%
HSV	298°, 41%, 74%
XYZ	35.7830, 25.9610, 51.7856
YIQ	143.6160, 20.2580, 40.3700

Conversions

Conversions Part 2

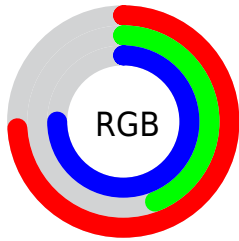
Format	Color
RYB	188, 112, 190
Decimal	12349630
CIELab	58.00, 42.07, -28.53
CIELCh	58, 50.831, 325.857
Yxy	25.9610, 0.3152, 0.2287
Android (android.graphics.Color)	4290539710 (0xFFBC70BE)
YUV	143.6160, 22.8673, 38.9248
Hunter-Lab	50.9519, 36.1929, -24.5938

Details

The CIELCh color **58, 50.831, 325.857** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71, 50.841, 140.771**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 51.387, 325.895**, and **38, 50.654, 325.963** is the 20% darker color. If you saturate the color by 10%, you get **54, 62.129, 326.295**, and if you desaturate by 10%, it is **62, 38.770, 325.372**.

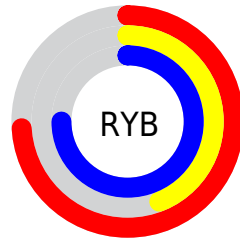
Distribution



Red (74%)

Green (44%)

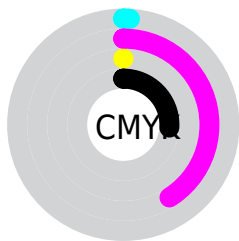
Blue (75%)



Red (74%)

Yellow (44%)

Blue (75%)

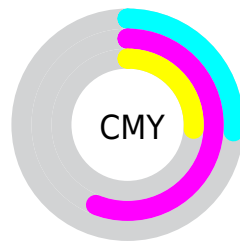


Cyan (1%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (56%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 50.831, 325.857 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, 50.831, 325.857 by changing the saturation by 10% instead.


 58, 50.831,
325.857

 58, 50.831,
325.857


 100, 50.831,
325.857


 48, 50.831,
325.857


 78, 50.831,
325.857

 38, 50.831,
325.857

 88, 50.831,
325.857

 28, 50.831,
325.857

 98, 50.831,
325.857

 18, 50.831,
325.857

 8, 50.831, 325.857

 0, 50.831, 325.857

58, 50.831,
325.857

58, 50.831,
325.857

54, 62.129,
326.295

62, 38.770,
325.372

51, 72.214,
326.667

67, 26.326,
324.856

48, 80.599,
326.954

71, 13.780,
324.323

46, 86.865,
327.140

76, 1.327, 323.632

45, 90.794,
327.220


81, 10.902,
143.321

44, 92.703,
327.219

87, 22.832,
142.811

92, 34.419,
142.330

94, 40.420,
141.999

 95, 40.323,
141.815

Harmonies

Complementary

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



58, 50.831, 325.857



71, 50.841, 140.771

Rectangle

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



58, 50.831, 325.857



58, 50.831, 15.857



58, 50.831, 145.857



58, 50.831, 195.857

Sweetspot

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



58, 50.829, 325.857



90, 18.527, 324.384



51, 43.900, 294.449



48, 12.398, 324.455



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, 50.829, 325.857



70, 74.089, 326.243



57, 37.589, 345.800



37, 7.012, 324.229



37, 80.942, 327.233



3, 21.195, 324.337

Inverse Universe

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



56, 33.373, 21.541



67, 50.584, 23.179



71, 36.132, 157.921



37, 4.095, 17.839



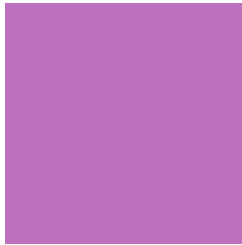
32, 71.809, 38.629



3, 12.260, 17.924

Previews

White Background



This preview shows how the CIELCh color 58, 50.831, 325.857 looks on a white background.

Color Contrast Check

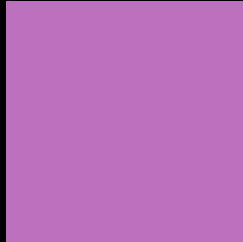
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.831, 325.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

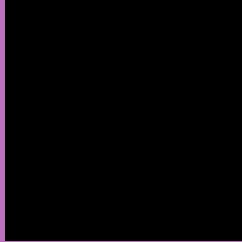
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 50.831, 325.857

Background



This preview shows how black text looks on a background with the CIELCh color 58, 50.831, 325.857.

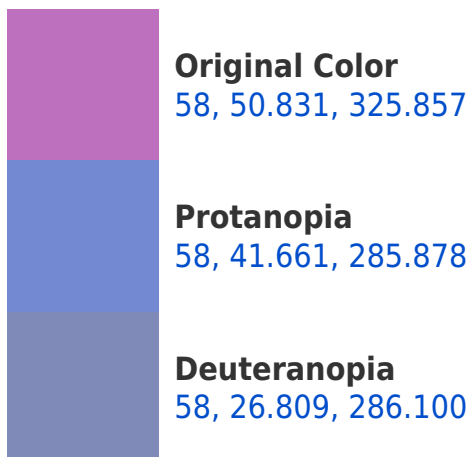


This preview shows how white text looks on a background with the CIELCh color 58, 50.831, 325.857.

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, 23.870, 8.622

Trichromacy



Original Color
58, 50.831, 325.857

Protanomaly
58, 43.082, 300.783

Deuteranomaly
58, 33.951, 305.981

Tritanomaly
58, 31.065, 345.179

Monochromacy



Original Color
58, 50.831, 325.857

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 19.608, 324.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 50.831, 325.857 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(188, 112, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 112, 190)  
}
```

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(188, 112, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 112, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 50.831, 325.857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

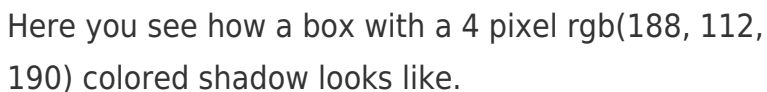
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 112, 190) }
```

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

```
.border{ border-color:rgb(188, 112, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 112, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 112, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 112, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 112,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 50.831, 325.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 112, 190) }
```

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

```
.background{ background-color: rgb(188,  
112, 190) }
```

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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