

Converting Colors

CIELCh(58, 46.871, 331.843)

Have a look what the booklet for
CIELCh(58, 46.871, 331.843)
contains.

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Color

CIELCh(58, 46.871, 331.843)

Conversions

Conversions Part 1

Format	Color
Hex	C070B3
RGB	192, 112, 179
RGB Percent	75%, 44%, 70%
CMY	0.2480, 0.5616, 0.2989
CMYK	0.00, 0.42, 0.07, 0.25
HSL	310°, 39%, 60%
HSV	310°, 42%, 75%
XYZ	35.5618, 25.9610, 45.6637
YIQ	143.5580, 26.1730, 37.7970

Conversions

Conversions Part 2

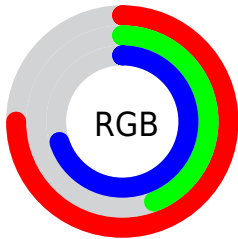
Format	Color
R _Y B	192, 112, 179
Decimal	12611763
CIE Lab	58.00, 41.32, -22.12
CIE LCh	58, 46.871, 331.843
Yxy	25.9610, 0.3318, 0.2422
Android (android.graphics.Color)	4290801843 (0xFFC070B3)
YUV	143.5580, 17.4729, 42.4836
Hunter-Lab	50.9519, 35.4179, -17.4701

Details

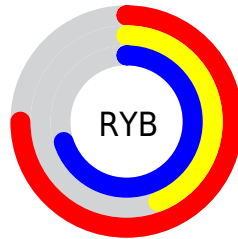
The CIELCh color $58, 46.871, 331.843$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $71, 46.856, 145.856$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 46.661, 331.932$, and $38, 46.796, 331.980$ is the 20% darker color. If you saturate the color by 10%, you get $54, 57.045, 332.497$, and if you desaturate by 10%, it is $62, 35.945, 331.197$.

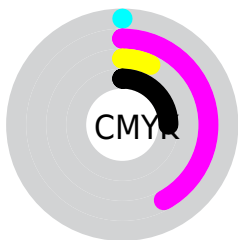
Distribution



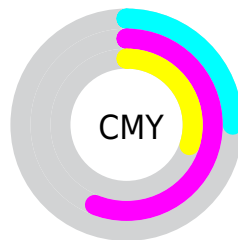
- Red (75%)
- Green (44%)
- Blue (70%)



- Red (75%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (42%)
- Yellow (7%)
- Black (25%)




- Cyan (25%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 46.871, 331.843 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, 46.871, 331.843 by changing the saturation by 10% instead.

 58, 46.871,
331.843

 58, 46.871,
331.843

 100, 46.871,
331.843


 48, 46.871,
331.843


 78, 46.871,
331.843

 38, 46.871,
331.843

 88, 46.871,
331.843

 28, 46.871,
331.843

 98, 46.871,
331.843

 18, 46.871,
331.843

 8, 46.871, 331.843

 0, 46.871, 331.843

58, 46.871,
331.843

58, 46.871,
331.843

54, 57.045,
332.497

62, 35.945,
331.197

51, 66.019,
333.158

67, 24.645,
330.560

48, 73.294,
333.835

72, 13.241,
329.931

46, 78.441,
334.541

77, 1.922, 329.202

45, 81.234,
335.301

82, 9.193, 148.805

44, 82.135,
335.978

87, 20.034,
148.234

92, 30.566,
147.701

95, 34.719,
148.319

■ 95, 33.479,
150.017

Harmonies

Complementary

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



58, 46.871, 331.843



71, 46.856, 145.856

Rectangle

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



58, 46.871, 331.843



58, 46.871, 21.843



58, 46.871, 151.843



58, 46.871, 201.843

Sweetspot

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



58, 46.869, 331.843



90, 18.246, 330.026



51, 46.770, 300.205



47, 12.779, 330.165



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, 46.869, 331.843



70, 68.542, 332.437



57, 35.163, 357.515



38, 6.458, 329.784



37, 72.157, 335.859



4, 20.770, 332.691

Inverse Universe

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



58, 46.869, 331.843



70, 68.542, 332.437



72, 31.773, 168.259



38, 6.458, 329.784



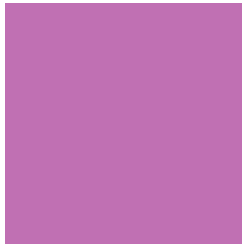
37, 72.157, 335.859



4, 20.770, 332.691

Previews

White Background



This preview shows how the CIELCh color 58, 46.871, 331.843 looks on a white background.

Color Contrast Check

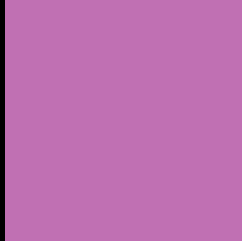
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.871, 331.843 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, 46.871, 331.843

Background



This preview shows how black text looks on a background with the CIELCh color 58, 46.871, 331.843.

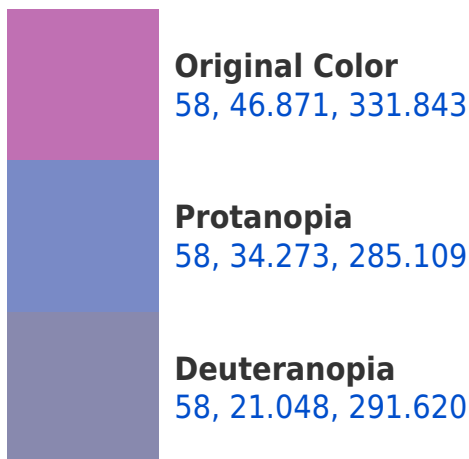


This preview shows how white text looks on a background with the CIELCh color 58, 46.871, 331.843.

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, 26.749, 11.729

Trichromacy



Original Color
58, 46.871, 331.843



Protanomaly
57, 36.626, 304.121



Deuteranomaly
58, 29.237, 313.119



Tritanomaly
58, 31.956, 351.606

Monochromacy



Original Color
58, 46.871, 331.843



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 17.594, 330.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 46.871, 331.843 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(192, 112, 179)` looks like.

```
.text, #text, p{  
    color:rgb(192, 112, 179)  
}
```

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(192, 112, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 112, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 46.871, 331.843 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(192, 112, 179) }
```

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

```
.border{ border-color:rgb(192, 112, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 112, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 112, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 112, 179);  
box-shadow:4px 4px 4px 4px rgb(192, 112,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 46.871, 331.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 112, 179) }
```

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

```
.background{ background-color: rgb(192,  
112, 179) }
```

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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