

Converting Colors

CIELCh(58, 52.219, 330.563)

Have a look what the booklet for
CIELCh(58, 52.219, 330.563)
contains.

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Color

CIELCh(58, 52.423, 330.720)

Conversions

Conversions Part 1

Format	Color
Hex	C46CB9
RGB	196, 108, 185
RGB Percent	77%, 42%, 73%
CMY	0.2314, 0.5765, 0.2745
CMYK	0.00, 0.45, 0.06, 0.23
HSL	308°, 43%, 60%
HSV	308°, 45%, 77%
XYZ	36.8811, 25.9610, 48.9621
YIQ	143.0900, 27.7310, 42.6030

Conversions

Conversions Part 2

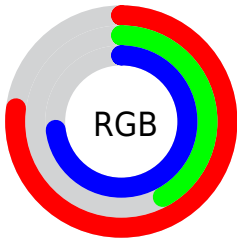
Format	Color
R _Y B	196, 108, 185
Decimal	12872889
CIE _{Lab}	58.00, 45.73, -25.64
CIE _{LCh}	58, 52.423, 330.720
Yxy	25.9610, 0.3299, 0.2322
Android (android.graphics.Color)	4291062969 (0xFFC46CB9)
YUV	143.0900, 20.6616, 46.4021
Hunter-Lab	50.9519, 40.0396, -21.3082

Details

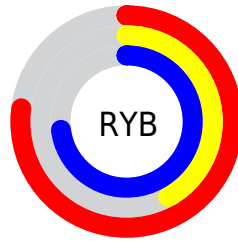
The CIELCh color $58, 52.423, 330.720$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 52.554, 144.351$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 52.158, 330.786$, and $38, 52.540, 330.456$ is the 20% darker color. If you saturate the color by 10%, you get $54, 62.680, 331.316$, and if you desaturate by 10%, it is $62, 41.234, 330.116$.

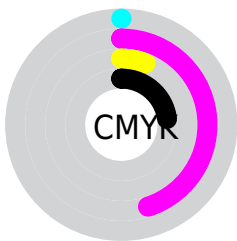
Distribution



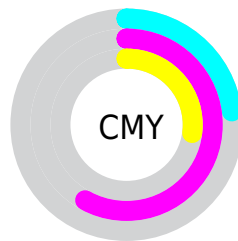
- Red (77%)
- Green (42%)
- Blue (73%)



- Red (77%)
- Yellow (42%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 52.423, 330.720 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, 52.423, 330.720 by changing the saturation by 10% instead.


 58, 52.423,
330.720


 58, 52.423,
330.720


 100, 52.423,
330.720


 48, 52.423,
330.720


 78, 52.423,
330.720

 38, 52.423,
330.720

 88, 52.423,
330.720

 28, 52.423,
330.720

 98, 52.423,
330.720

 18, 52.423,
330.720

 8, 52.423, 330.720

 0, 52.423, 330.720

58, 52.423,
330.720

58, 52.423,
330.720

54, 62.680,
331.316

62, 41.234,
330.116

51, 71.523,
331.901

67, 29.533,
329.508

48, 78.458,
332.476

72, 17.635,
328.901

47, 83.105,
333.051

77, 5.764, 328.279

46, 85.349,
333.644

82, 5.932, 147.804

45, 85.921,
333.954

87, 17.364,
147.220

92, 28.482,
146.686

95, 33.419,
147.074

■ 95, 32.428,
148.419

Harmonies

Complementary

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



58, 52.423, 330.720



72, 52.554, 144.351

Rectangle

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



58, 52.423, 330.720



58, 52.423, 20.720



58, 52.423, 150.720



58, 52.423, 200.720

Sweetspot

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



58, 52.421, 330.720



92, 19.040, 328.798



50, 51.530, 299.672



48, 13.337, 328.934



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, 52.421, 330.720



70, 76.353, 331.313



56, 39.026, 355.757



38, 6.630, 328.564



37, 74.249, 333.860



4, 21.534, 331.004

Inverse Universe

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



58, 52.421, 330.720



70, 76.353, 331.313



73, 35.534, 165.715



38, 6.630, 328.564



37, 74.249, 333.860



4, 21.534, 331.004

Previews

White Background



This preview shows how the CIELCh color 58, 52.423, 330.720 looks on a white background.

Color Contrast Check

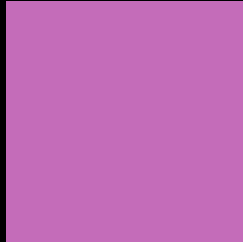
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.423, 330.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

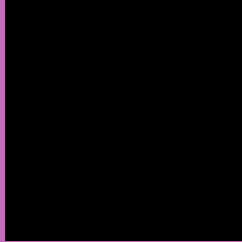
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 52.423, 330.720

Background



This preview shows how black text looks on a background with the CIELCh color 58, 52.423, 330.720.

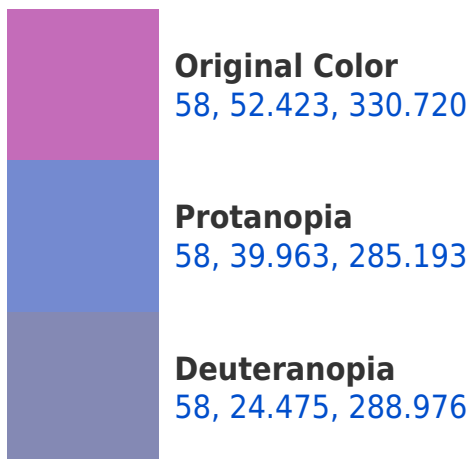


This preview shows how white text looks on a background with the CIELCh color 58, 52.423, 330.720.

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, 28.886, 12.849

Trichromacy



Original Color
58, 52.423, 330.720

Protanomaly
57, 42.155, 302.648

Deuteranomaly
57, 33.638, 311.142

Tritanomaly
58, 34.658, 351.580

Monochromacy



Original Color
58, 52.423, 330.720

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.054, 329.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 52.423, 330.720 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(196, 108, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 108, 185)  
}
```

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(196, 108, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 108, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 52.423, 330.720 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(196, 108, 185) }
```

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

```
.border{ border-color:rgb(196, 108, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 108, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 108, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 108, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 108,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 52.423, 330.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 108, 185) }
```

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

```
.background{ background-color: rgb(196,  
108, 185) }
```

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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