

Converting Colors

CIELCh(56, 67.829, 331.546)

Have a look what the booklet for
CIELCh(56, 67.829, 331.546)
contains.

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Color

CIELCh(56, 67.483, 331.545)

Conversions

Conversions Part 1

Format	Color
Hex	CE58BF
RGB	206, 88, 191
RGB Percent	81%, 35%, 75%
CMY	0.1916, 0.6543, 0.2504
CMYK	0.00, 0.57, 0.07, 0.19
HSL	308°, 55%, 58%
HSV	308°, 57%, 81%
XYZ	38.4140, 23.9124, 51.9608
YIQ	135.0240, 37.2650, 57.0490

Conversions

Conversions Part 2

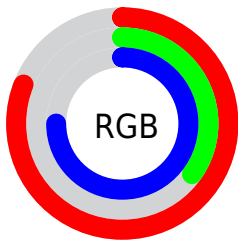
Format	Color
R _{YB}	206, 88, 191
Decimal	13523135
CIE _{Lab}	56.00, 59.33, -32.15
CIE _{LCh}	56, 67.483, 331.545
Y _{xy}	23.9124, 0.3361, 0.2092
Android (android.graphics.Color)	4291713215 (0xFFCE58BF)
YUV	135.0240, 27.5962, 62.2460
Hunter-Lab	48.9003, 54.6464, -28.7705

Details

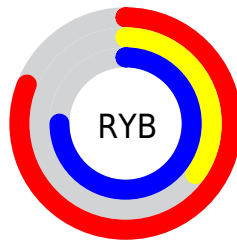
The CIELCh color **56, 67.483, 331.545** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **74, 68.283, 142.894**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 66.259, 328.646**, and **36, 67.564, 331.666** is the 20% darker color. If you saturate the color by 10%, you get **53, 76.221, 332.134**, and if you desaturate by 10%, it is **60, 57.128, 330.946**.

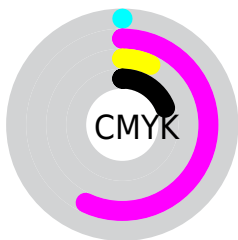
Distribution



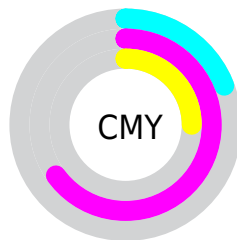
- Red (81%)
- Green (35%)
- Blue (75%)



- Red (81%)
- Yellow (35%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 67.483, 331.545 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 56, 67.483, 331.545 by changing the saturation by 10% instead.


 56, 67.483,
331.545


 56, 67.483,
331.545

 100, 67.483,
331.545


 46, 67.483,
331.545


 76, 67.483,
331.545

 36, 67.483,
331.545

 86, 67.483,
331.545

 26, 67.483,
331.545

 96, 67.483,
331.545

 16, 67.483,
331.545

 6, 67.483, 331.545

 0, 67.483, 331.545

56, 67.483,
331.545

56, 67.483,
331.545

53, 76.221,
332.134

60, 57.128,
330.946

50, 82.847,
332.716

64, 45.684,
330.339

49, 87.019,
333.304

69, 33.607,
329.727

48, 88.762,
333.918

74, 21.254,
329.117

48, 89.048,
334.090

79, 8.881, 328.502

84, 3.340, 148.044

90, 15.302,
147.416

95, 26.946,
146.872

■ 96, 27.061,
148.373

Harmonies

Complementary

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



56, 67.483, 331.545



74, 68.283, 142.894

Rectangle

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



56, 67.483, 331.545



56, 67.483, 21.545



56, 67.483, 151.545



56, 67.483, 201.545

Sweetspot

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



56, 67.480, 331.545



89, 24.904, 329.115



45, 69.953, 301.599



46, 16.667, 329.239



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 67.480, 331.545



64, 91.766, 332.286



54, 51.201, 358.134



40, 6.907, 328.636



38, 75.833, 333.988



5, 26.190, 332.112

Inverse Universe

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



56, 67.480, 331.545



64, 91.766, 332.286



75, 45.719, 163.942



40, 6.907, 328.636



38, 75.833, 333.988



5, 26.190, 332.112

Previews

White Background



This preview shows how the CIELCh color 56, 67.483, 331.545 looks on a white background.

Color Contrast Check

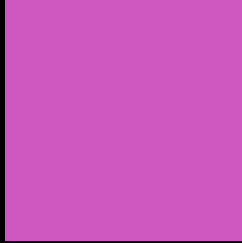
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 67.483, 331.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

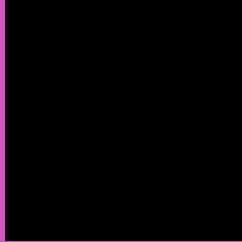
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 67.483, 331.545

Background



This preview shows how black text looks on a background with the CIELCh color 56, 67.483, 331.545.

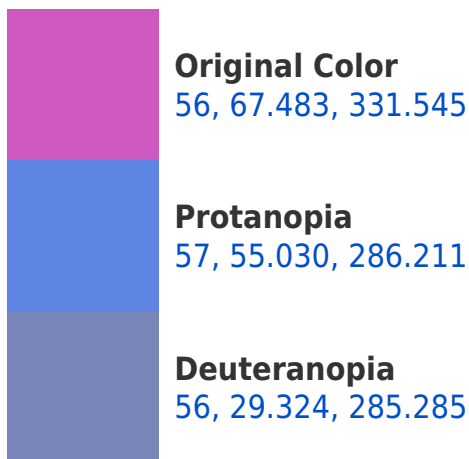


This preview shows how white text looks on a background with the CIELCh color 56, 67.483, 331.545.

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
56, 38.297, 18.474

Trichromacy



Original Color
56, 67.483, 331.545



Protanomaly
55, 57.211, 302.034



Deuteranomaly
55, 41.932, 310.453



Tritanomaly
56, 44.663, 354.114

Monochromacy



Original Color
56, 67.483, 331.545



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 26.718, 330.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 67.483, 331.545 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(206, 88, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 88, 191)  
}
```

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(206, 88, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 88, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 67.483, 331.545 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(206, 88, 191) }
```

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

```
.border{ border-color:rgb(206, 88, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 88, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 88, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 88, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 88,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 67.483, 331.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 88, 191) }
```

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

```
.background{ background-color: rgb(206, 88,  
191) }
```

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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