

Converting Colors

CIELCh(56, 57.661, 331.630)

Have a look what the booklet for
CIELCh(56, 57.661, 331.630)
contains.

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Color

CIELCh(56, 57.661, 331.630)

Conversions

Conversions Part 1

Format	Color
Hex	C562B7
RGB	197, 98, 183
RGB Percent	77%, 38%, 72%
CMY	0.2287, 0.6168, 0.2836
CMYK	0.00, 0.50, 0.07, 0.23
HSL	308°, 46%, 58%
HSV	308°, 50%, 77%
XYZ	35.7965, 23.9124, 47.3610
YIQ	137.2910, 31.7190, 47.4230

Conversions

Conversions Part 2

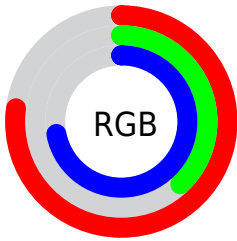
Format	Color
R_{YB}	197, 98, 183
Decimal	12935863
CIE _{Lab}	56.00, 50.74, -27.40
CIE _{LCh}	56, 57.661, 331.630
Yxy	23.9124, 0.3343, 0.2233
Android (android.graphics.Color)	4291125943 (0xFFC562B7)
YUV	137.2910, 22.5345, 52.3648
Hunter-Lab	48.9003, 45.0918, -23.1933

Details

The CIELCh color $56, 57.661, 331.630$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 57.962, 144.203$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 57.532, 331.548$, and $36, 57.860, 331.580$ is the 20% darker color. If you saturate the color by 10%, you get $52, 67.135, 332.251$, and if you desaturate by 10%, it is $60, 47.001, 331.007$.

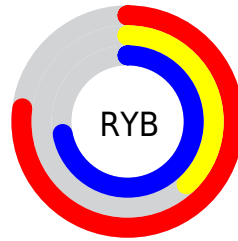
Distribution



Red (77%)

Green (38%)

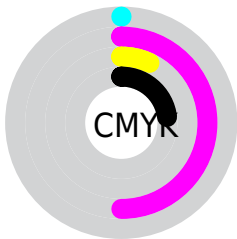
Blue (72%)



Red (77%)

Yellow (38%)

Blue (72%)

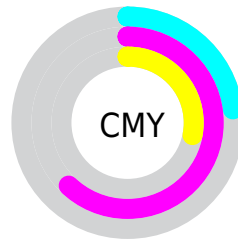


Cyan (0%)

Magenta (50%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (62%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 57.661, 331.630 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, 57.661, 331.630 by changing the saturation by 10% instead.


 56, 57.661,
331.630


 56, 57.661,
331.630


 100, 57.661,
331.630


 46, 57.661,
331.630


 76, 57.661,
331.630

 36, 57.661,
331.630

 86, 57.661,
331.630

 26, 57.661,
331.630

 96, 57.661,
331.630

 16, 57.661,
331.630

 6, 57.661, 331.630

 0, 57.661, 331.630

56, 57.661,
331.630

56, 57.661,
331.630

52, 67.135,
332.251

60, 47.001,
331.007

50, 74.927,
332.870

64, 35.624,
330.384

47, 80.580,
333.498

69, 23.895,
329.764

46, 83.835,
334.152

74, 12.086,
329.147


45, 85.057,
334.823

79, 0.382, 327.824

84, 11.101,
148.039

90, 22.294,
147.480

95, 33.134,
146.961

 95, 32.010,
148.502

Harmonies

Complementary

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



56, 57.661, 331.630



72, 57.962, 144.203

Rectangle

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



56, 57.661, 331.630



56, 57.661, 21.630



56, 57.661, 151.630



56, 57.661, 201.630

Sweetspot

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



56, 57.658, 331.630



91, 21.742, 329.450



47, 58.507, 300.930



47, 14.845, 329.582



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, 57.658, 331.630



67, 82.268, 332.288



54, 43.472, 357.882



39, 6.697, 329.089



37, 74.171, 334.720



4, 23.649, 332.290

Inverse Universe

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



56, 57.658, 331.630



67, 82.268, 332.288



73, 38.874, 166.029



39, 6.697, 329.089



37, 74.171, 334.720



4, 23.649, 332.290

Previews

White Background



This preview shows how the CIELCh color 56, 57.661, 331.630 looks on a white background.

Color Contrast Check

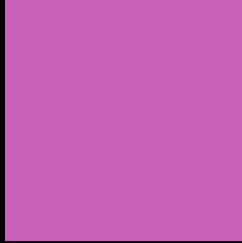
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 57.661, 331.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

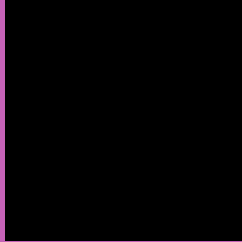
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 57.661, 331.630

Background



This preview shows how black text looks on a background with the CIELCh color 56, 57.661, 331.630.

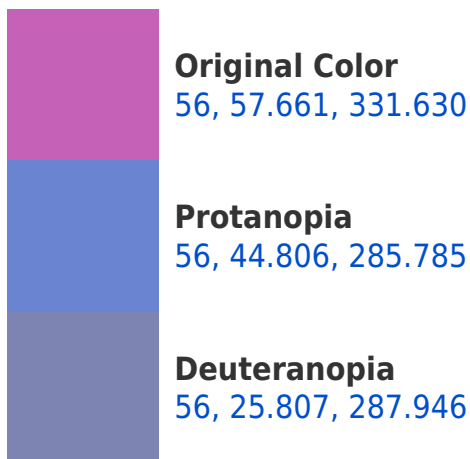


This preview shows how white text looks on a background with the CIELCh color 56, 57.661, 331.630.

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, 32.997, 15.752

Trichromacy



Original Color
56, 57.661, 331.630



Protanomaly
55, 46.451, 302.710



Deuteranomaly
55, 35.670, 311.502



Tritanomaly
56, 38.514, 352.959

Monochromacy



Original Color
56, 57.661, 331.630



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 22.432, 329.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 57.661, 331.630 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(197, 98, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 98, 183)  
}
```

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(197, 98, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 98, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 57.661, 331.630 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(197, 98, 183) }
```

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

```
.border{ border-color:rgb(197, 98, 183) }
```

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

Here you see how a box with a 4 pixel rgb(197, 98, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 98, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 98, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 98,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 57.661, 331.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 98, 183) }
```

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

```
.background{ background-color: rgb(197, 98,  
183) }
```

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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