

Converting Colors

CIELCh(56, 63.077, 334.607)

Have a look what the booklet for
CIELCh(56, 63.077, 334.607)
contains.

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Color

CIELCh(56, 63.080, 334.607)

Conversions

Conversions Part 1

Format	Color
Hex	CE5AB6
RGB	206, 90, 182
RGB Percent	81%, 35%, 71%
CMY	0.1910, 0.6459, 0.2852
CMYK	0.00, 0.56, 0.12, 0.19
HSL	312°, 54%, 58%
HSV	312°, 56%, 81%
XYZ	37.6877, 23.9124, 47.0353
YIQ	135.1720, 39.6040, 53.2040

Conversions

Conversions Part 2

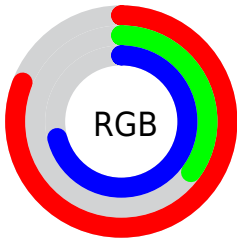
Format	Color
R _Y B	206, 90, 182
Decimal	13523638
CIE Lab	56.00, 56.99, -27.05
CIE LCh	56, 63.080, 334.607
Yxy	23.9124, 0.3469, 0.2201
Android (android.graphics.Color)	4291713718 (0xFFCE5AB6)
YUV	135.1720, 23.0862, 62.1162
Hunter-Lab	48.9003, 51.9951, -22.7985

Details

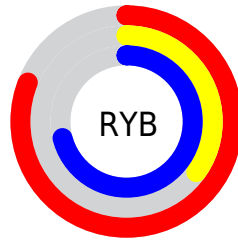
The CIELCh color **56, 63.080, 334.607** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **75, 63.542, 145.473**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 61.236, 331.698**, and **36, 63.306, 334.570** is the 20% darker color. If you saturate the color by 10%, you get **53, 71.540, 335.393**, and if you desaturate by 10%, it is **60, 53.110, 333.862**.

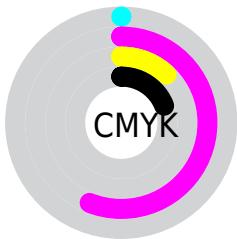
Distribution



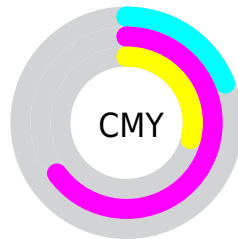
- Red (81%)
- Green (35%)
- Blue (71%)



- Red (81%)
- Yellow (35%)
- Blue (71%)



- Cyan (0%)
- Magenta (56%)
- Yellow (12%)
- Black (19%)





- Cyan (19%)
- Magenta (65%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 63.080, 334.607 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, 63.080, 334.607 by changing the saturation by 10% instead.


 56, 63.080,
334.607


 56, 63.080,
334.607


 100, 63.080,
334.607


 46, 63.080,
334.607


 76, 63.080,
334.607

 36, 63.080,
334.607

 86, 63.080,
334.607

 26, 63.080,
334.607

 96, 63.080,
334.607

 16, 63.080,
334.607

 6, 63.080, 334.607

 0, 63.080, 334.607

56, 63.080,
334.607

56, 63.080,
334.607

53, 71.540,
335.393

60, 53.110,
333.862

50, 77.980,
336.240

64, 42.154,
333.147

48, 82.013,
337.181

69, 30.650,
332.455

47, 83.570,
338.255

74, 18.929,
331.785

47, 83.816,
338.683

80, 7.227, 331.118

85, 4.306, 150.624

90, 15.577,
149.986

96, 26.342,
149.477

■ 96, 24.681,
152.698

Harmonies

Complementary

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



56, 63.080, 334.607



75, 63.542, 145.473

Rectangle

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



56, 63.080, 334.607



56, 63.080, 24.607



56, 63.080, 154.607



56, 63.080, 204.607

Sweetspot

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



56, 63.077, 334.607



89, 23.550, 331.849



46, 68.599, 303.515



46, 15.763, 331.984



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, 63.077, 334.607



64, 85.308, 335.523



54, 49.398, 4.052



40, 6.528, 331.332



37, 71.398, 338.486



5, 24.515, 335.722

Inverse Universe

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



56, 63.077, 334.607



64, 85.308, 335.523



76, 41.834, 169.691



40, 6.528, 331.332



37, 71.398, 338.486



5, 24.515, 335.722

Previews

White Background



This preview shows how the CIELCh color 56, 63.080, 334.607 looks on a white background.

Color Contrast Check

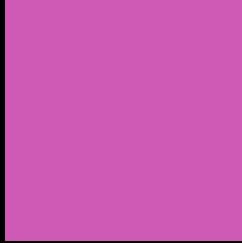
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.080, 334.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

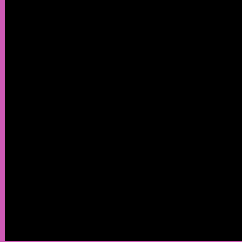
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 63.080, 334.607

Background



This preview shows how black text looks on a background with the CIELCh color 56, 63.080, 334.607.

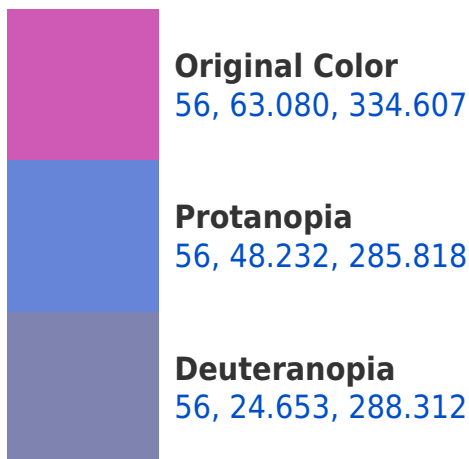


This preview shows how white text looks on a background with the CIELCh color 56, 63.080, 334.607.

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, 39.124, 17.942

Trichromacy



Original Color
56, 63.080, 334.607



Protanomaly
55, 50.623, 303.816



Deuteranomaly
55, 37.555, 314.727



Tritanomaly
56, 44.297, 357.165

Monochromacy



Original Color
56, 63.080, 334.607



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 24.780, 332.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 63.080, 334.607 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, 90, 182)` looks like.

```
.text, #text, p{  
    color:rgb(206, 90, 182)  
}
```

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, 90, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 90, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 63.080, 334.607 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, 90, 182) }
```

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

```
.border{ border-color:rgb(206, 90, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 90, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 90, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 90, 182);  
box-shadow:4px 4px 4px 4px rgb(206, 90,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 63.080, 334.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 90, 182) }
```

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

```
.background{ background-color: rgb(206, 90,  
182) }
```

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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