

Converting Colors

CIELCh(55, 66.660, 328.244)

Have a look what the booklet for
CIELCh(55, 66.660, 328.244)
contains.

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Color

CIELCh(55, 66.680, 328.354)

Conversions

Conversions Part 1

Format	Color
Hex	C559C1
RGB	197, 89, 193
RGB Percent	77%, 35%, 76%
CMY	0.2267, 0.6502, 0.2424
CMYK	0.00, 0.55, 0.02, 0.23
HSL	302°, 48%, 56%
HSV	302°, 55%, 77%
XYZ	36.3102, 22.9298, 53.0730
YIQ	133.1480, 30.9840, 55.2400

Conversions

Conversions Part 2

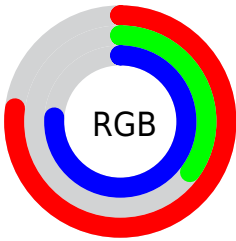
Format	Color
R_{YB}	197, 89, 193
Decimal	12933569
CIE _{Lab}	55.00, 56.77, -34.98
CIE _{LCh}	55, 66.680, 328.354
Yxy	22.9298, 0.3233, 0.2042
Android (android.graphics.Color)	4291123649 (0xFFC559C1)
YUV	133.1480, 29.5070, 55.9982
Hunter-Lab	47.8851, 51.5536, -32.1940

Details

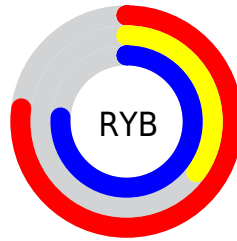
The CIELCh color **55, 66.680, 328.354** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72, 67.273, 140.773**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 66.483, 328.087**, and **35, 66.740, 328.218** is the 20% darker color. If you saturate the color by 10%, you get **52, 76.141, 328.779**, and if you desaturate by 10%, it is **59, 55.743, 327.876**.

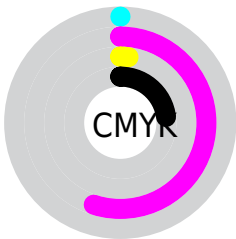
Distribution



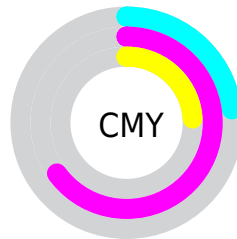
- Red (77%)
- Green (35%)
- Blue (76%)



- Red (77%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (55%)
- Yellow (2%)
- Black (23%)





- Cyan (23%)
- Magenta (65%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 66.680, 328.354 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 55, 66.680, 328.354 by changing the saturation by 10% instead.


 55, 66.680,
328.354


 55, 66.680,
328.354


 100, 66.680,
328.354


 45, 66.680,
328.354


 75, 66.680,
328.354

 35, 66.680,
328.354

 85, 66.680,
328.354

 25, 66.680,
328.354

 95, 66.680,
328.354

 15, 66.680,
328.354

 5, 66.680, 328.354

 0, 66.680, 328.354

55, 66.680,
328.354

55, 66.680,
328.354

52, 76.141,
328.779

59, 55.743,
327.876

49, 83.649,
329.141

63, 43.828,
327.357

48, 88.845,
329.435

67, 31.360,
326.812

47, 91.637,
329.665

72, 18.671,
326.252


46, 92.493,
329.770

77, 5.999, 325.666

82, 6.493, 145.204

88, 18.707,
144.646

93, 30.585,
144.130

 95, 35.154,
144.132

Harmonies

Complementary

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



55, 66.680, 328.354



72, 67.273, 140.773

Rectangle

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



55, 66.680, 328.354



55, 66.680, 18.354



55, 66.680, 148.354



55, 66.680, 198.354

Sweetspot

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



55, 66.678, 328.354



90, 24.929, 326.335



44, 64.380, 299.183



47, 16.841, 326.453



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 66.678, 328.354



66, 94.662, 328.866



53, 49.045, 351.880



39, 7.199, 325.944



38, 80.411, 329.748



4, 25.909, 328.250

Inverse Universe

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



55, 66.678, 328.354



66, 94.662, 328.866



72, 45.789, 159.483



39, 7.199, 325.944



38, 80.411, 329.748



4, 25.909, 328.250

Previews

White Background



This preview shows how the CIELCh color 55, 66.680, 328.354 looks on a white background.

Color Contrast Check

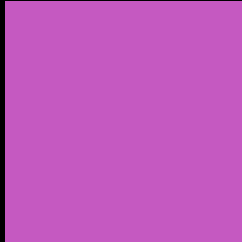
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 66.680, 328.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

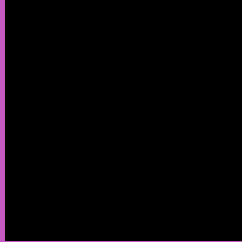
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 66.680, 328.354

Background



This preview shows how black text looks on a background with the CIELCh color 55, 66.680, 328.354.

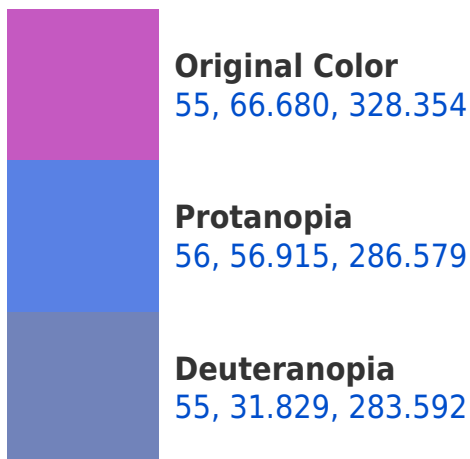


This preview shows how white text looks on a background with the CIELCh color 55, 66.680, 328.354.

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
55, 33.563, 16.020

Trichromacy



Original Color
55, 66.680, 328.354



Protanomaly
54, 57.768, 300.323



Deuteranomaly
54, 43.206, 307.226



Tritanomaly
55, 41.485, 349.511

Monochromacy



Original Color
55, 66.680, 328.354



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 26.351, 326.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 66.680, 328.354 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, 89, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 89, 193)  
}
```

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, 89, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 89, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 66.680, 328.354 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, 89, 193) }
```

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

```
.border{ border-color:rgb(197, 89, 193) }
```

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

Here you see how a box with a 4 pixel rgb(197, 89, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 89, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 89, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 89,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 66.680, 328.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 89, 193) }
```

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

```
.background{ background-color: rgb(197, 89,  
193) }
```

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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