

Converting Colors

CIELCh(56, 65.188, 328.533)

Have a look what the booklet for
CIELCh(56, 65.188, 328.533)
contains.

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Color

CIELCh(56, 65.153, 328.602)

Conversions

Conversions Part 1

Format	Color
Hex	C75DC2
RGB	199, 93, 194
RGB Percent	78%, 36%, 76%
CMY	0.2191, 0.6348, 0.2387
CMYK	0.00, 0.53, 0.03, 0.22
HSL	303°, 49%, 57%
HSV	303°, 53%, 78%
XYZ	37.2666, 23.9124, 53.7665
YIQ	136.2080, 30.7550, 53.8830

Conversions

Conversions Part 2

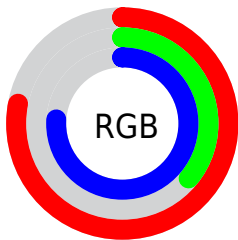
Format	Color
RYB	199, 93, 194
Decimal	13065666
CIELab	56.00, 55.61, -33.94
CIELCh	56, 65.153, 328.602
Yxy	23.9124, 0.3242, 0.2080
Android (android.graphics.Color)	4291255746 (0xFFC75DC2)
YUV	136.2080, 28.4915, 55.0686
Hunter-Lab	48.9003, 50.4581, -30.9599

Details

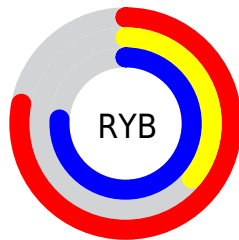
The CIELCh color **56, 65.153, 328.602** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **72, 65.682, 141.211**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 64.577, 327.774**, and **36, 65.026, 328.442** is the 20% darker color. If you saturate the color by 10%, you get **53, 74.877, 329.052**, and if you desaturate by 10%, it is **60, 54.023, 328.105**.

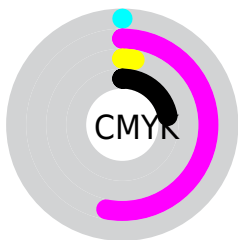
Distribution



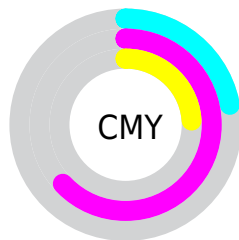
- Red (78%)
- Green (36%)
- Blue (76%)



- Red (78%)
- Yellow (36%)
- Blue (76%)



- Cyan (0%)
- Magenta (53%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 65.153, 328.602 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, 65.153, 328.602 by changing the saturation by 10% instead.


 56, 65.153,
328.602


 56, 65.153,
328.602


 100, 65.153,
328.602


 46, 65.153,
328.602


 76, 65.153,
328.602


 36, 65.153,
328.602

 86, 65.153,
328.602

 26, 65.153,
328.602

 96, 65.153,
328.602

 16, 65.153,
328.602

 6, 65.153, 328.602

 0, 65.153, 328.602

56, 65.153,
328.602

56, 65.153,
328.602

53, 74.877,
329.052

60, 54.023,
328.105

50, 82.705,
329.445

64, 41.982,
327.573

48, 88.241,
329.776

69, 29.446,
327.019

47, 91.343,
330.050

74, 16.731,
326.452

47, 92.429,
330.214

79, 4.065, 325.844

84, 8.402, 145.394

89, 20.579,
144.845

94, 32.414,
144.331

■ 95, 33.566,
144.677

Harmonies

Complementary

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



56, 65.153, 328.602



72, 65.682, 141.211

Rectangle

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



56, 65.153, 328.602



56, 65.153, 18.602



56, 65.153, 148.602



56, 65.153, 198.602

Sweetspot

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



56, 65.151, 328.602



90, 24.758, 326.623



45, 62.895, 298.889



47, 16.725, 326.742



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, 65.151, 328.602



66, 91.986, 329.123



54, 48.181, 351.620



39, 7.149, 326.230



38, 79.780, 330.184



4, 25.684, 328.602

Inverse Universe

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



56, 65.151, 328.602



66, 91.986, 329.123



73, 45.014, 159.704



39, 7.149, 326.230



38, 79.780, 330.184



4, 25.684, 328.602

Previews

White Background



This preview shows how the CIELCh color 56, 65.153, 328.602 looks on a white background.

Color Contrast Check

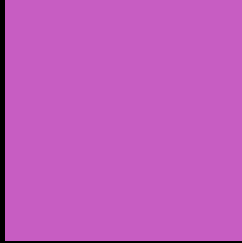
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.153, 328.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

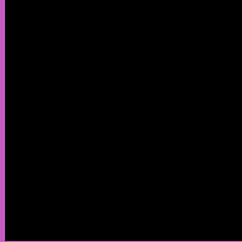
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 65.153, 328.602

Background



This preview shows how black text looks on a background with the CIELCh color 56, 65.153, 328.602.

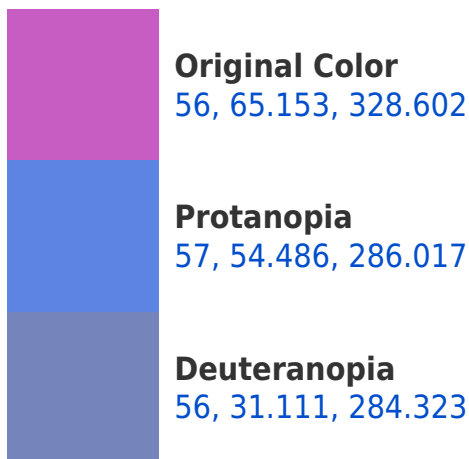



This preview shows how white text looks on a background with the CIELCh color 56, 65.153, 328.602.

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, 65.153, 328.602



Protanomaly
55, 55.904, 300.535



Deuteranomaly
55, 41.959, 307.489



Tritanomaly
56, 40.854, 349.734

Monochromacy



Original Color
56, 65.153, 328.602



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 25.808, 327.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 65.153, 328.602 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(199, 93, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 93, 194)  
}
```

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(199, 93, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 93, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 65.153, 328.602 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(199, 93, 194) }
```

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

```
.border{ border-color:rgb(199, 93, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 93, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 93, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 93, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 93,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 65.153, 328.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 93, 194) }
```

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

```
.background{ background-color: rgb(199, 93,  
194) }
```

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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