

Converting Colors

CIELCh(66, 55.727, 327.611)

Have a look what the booklet for
CIELCh(66, 55.727, 327.611)
contains.

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Color

CIELCh(66, 56.185, 327.600)

Conversions

Conversions Part 1

Format	Color
Hex	DA80D7
RGB	218, 128, 215
RGB Percent	85%, 50%, 84%
CMY	0.1444, 0.4974, 0.1562
CMYK	0.00, 0.41, 0.01, 0.14
HSL	302°, 55%, 68%
HSV	302°, 41%, 86%
XYZ	48.9885, 35.3238, 68.6351
YIQ	164.8280, 25.7130, 46.1370

Conversions

Conversions Part 2

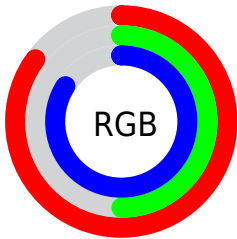
Format	Color
RYB	218, 128, 215
Decimal	14319831
CIELab	66.00, 47.44, -30.11
CIElCh	66, 56.185, 327.600
Yxy	35.3238, 0.3203, 0.2310
Android (android.graphics.Color)	4292509911 (0xFFDA80D7)
YUV	164.8280, 24.7348, 46.6318
Hunter-Lab	59.4338, 43.1198, -26.8653

Details

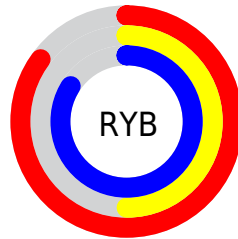
The CIELCh color $66, 56.185, 327.600$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 56.323, 142.139$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 45.110, 325.986$, and $46, 56.391, 327.484$ is the 20% darker color. If you saturate the color by 10%, you get $62, 68.481, 328.092$, and if you desaturate by 10%, it is $71, 42.972, 327.071$.

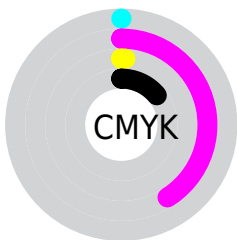
Distribution



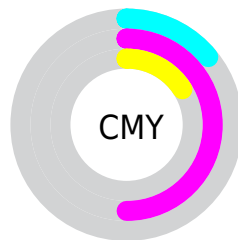
- Red (85%)
- Green (50%)
- Blue (84%)



- Red (85%)
- Yellow (50%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (50%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 56.185, 327.600 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 66, 56.185, 327.600 by changing the saturation by 10% instead.


 66, 56.185,
327.600

 66, 56.185,
327.600


 100, 56.185,
327.600


 56, 56.185,
327.600


 86, 56.185,
327.600

 46, 56.185,
327.600

 96, 56.185,
327.600

 36, 56.185,
327.600

 26, 56.185,
327.600

 16, 56.185,
327.600

 6, 56.185, 327.600

 0, 56.185, 327.600

66, 56.185,
327.600

66, 56.185,
327.600

62, 68.481,
328.092

71, 42.972,
327.071

58, 79.345,
328.533

76, 29.288,
326.518

55, 88.228,
328.911

81, 15.460,
325.951

53, 94.679,
329.218

86, 1.721, 325.249

52, 98.495,
329.455

92, 11.778,
144.893

51, 100.046,
329.619

97, 22.467,
144.552

97, 22.162,
145.102

97, 21.859,
145.667

■ 97, 21.559,
146.248

Harmonies

Complementary

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



66, 56.185, 327.600



80, 56.323, 142.139

Rectangle

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



66, 56.185, 327.600



66, 56.185, 17.600



66, 56.185, 147.600



66, 56.185, 197.600

Sweetspot

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



66, 56.182, 327.600



93, 18.713, 326.000



57, 51.273, 296.748



48, 12.420, 326.076



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 56.182, 327.600



72, 75.965, 328.054



64, 40.723, 349.824



43, 7.822, 325.846



41, 84.326, 329.597



7, 33.766, 329.288

Inverse Universe

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



66, 56.182, 327.600



72, 75.965, 328.054



81, 38.423, 161.300



43, 7.822, 325.846



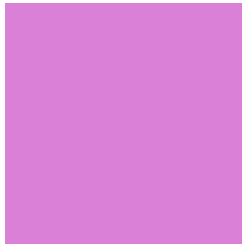
41, 84.326, 329.597



7, 33.766, 329.288

Previews

White Background



This preview shows how the CIELCh color 66, 56.185, 327.600 looks on a white background.

Color Contrast Check

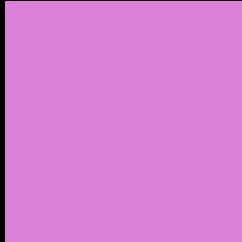
Large Text (above 18pt) WCAG AA × Fail

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 66, 56.185, 327.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

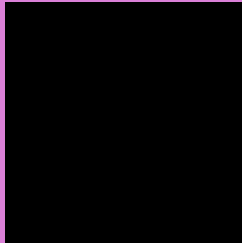
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 56.185, 327.600

Background



This preview shows how black text looks on a background with the CIELCh color 66, 56.185, 327.600.

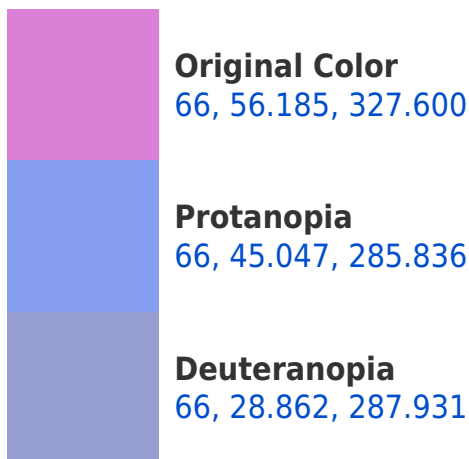


This preview shows how white text looks on a background with the CIELCh color 66, 56.185, 327.600.

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
66, 27.680, 10.967

Trichromacy



Original Color
66, 56.185, 327.600



Protanomaly
65, 46.596, 301.683



Deuteranomaly
66, 37.477, 308.267

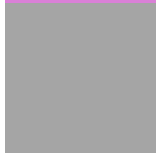


Tritanomaly
66, 35.233, 347.100

Monochromacy



Original Color
66, 56.185, 327.600



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 20.878, 326.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 56.185, 327.600 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(218, 128, 215)` looks like.

```
.text, #text, p{  
    color:rgb(218, 128, 215)  
}
```

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(218, 128, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 56.185, 327.600 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(218, 128, 215) }
```

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

```
.border{ border-color:rgb(218, 128, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 128, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 56.185, 327.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 215) }
```

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

```
.background{ background-color: rgb(218,  
128, 215) }
```

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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