

Converting Colors

CIELCh(63, 61.796, 326.848)

Have a look what the booklet for
CIELCh(63, 61.796, 326.848)
contains.

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Color

CIELCh(63, 61.765, 326.839)

Conversions

Conversions Part 1

Format	Color
Hex	D574D5
RGB	213, 116, 213
RGB Percent	84%, 45%, 84%
CMY	0.1633, 0.5438, 0.1634
CMYK	0.00, 0.45, 0.00, 0.16
HSL	300°, 54%, 65%
HSV	300°, 45%, 84%
XYZ	45.8804, 31.5869, 66.8583
YIQ	156.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

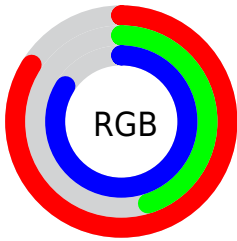
Format	Color
R _Y B	213, 116, 213
Decimal	13989077
CIE Lab	63.00, 51.71, -33.79
CIE LCh	63, 61.765, 326.839
Yxy	31.5869, 0.3179, 0.2189
Android (android.graphics.Color)	4292179157 (0xFFD574D5)
YUV	156.0610, 28.0709, 49.9355
Hunter-Lab	56.2022, 47.3637, -31.1899

Details

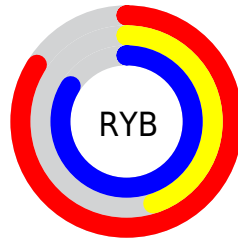
The CIELCh color $63, 61.765, 326.839$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 61.989, 140.842$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 52.494, 326.235$, and $43, 61.605, 326.750$ is the 20% darker color. If you saturate the color by 10%, you get $59, 73.577, 327.274$, and if you desaturate by 10%, it is $67, 48.828, 326.351$.

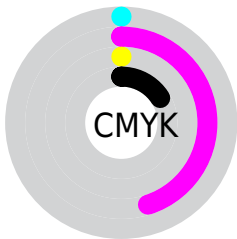
Distribution



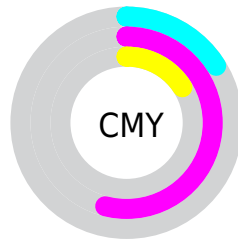
- Red (84%)
- Green (45%)
- Blue (84%)



- Red (84%)
- Yellow (45%)
- Blue (84%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (54%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 61.765, 326.839 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 63, 61.765, 326.839 by changing the saturation by 10% instead.


 63, 61.765,
326.839


 63, 61.765,
326.839


 100, 61.765,
326.839


 53, 61.765,
326.839


 83, 61.765,
326.839

 43, 61.765,
326.839

 93, 61.765,
326.839

 33, 61.765,
326.839

 23, 61.765,
326.839

 13, 61.765,
326.839

 3, 61.765, 326.839

 0, 61.765, 326.839

63, 61.765,
326.839

63, 61.765,
326.839

59, 73.577,
327.274

67, 48.828,
326.351

56, 83.740,
327.638

72, 35.245,
325.827

53, 91.744,
327.919

77, 21.388,
325.280

52, 97.241,
328.109

82, 7.529, 324.709

51, 100.189,
328.209

88, 6.148, 144.246

51, 101.009,
328.237

93, 19.524,
143.686

96, 26.069,
143.426

96, 26.067,
143.428

■ 96, 26.066,
143.429

Harmonies

Complementary

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



63, 61.765, 326.839



78, 61.989, 140.842

Rectangle

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



63, 61.765, 326.839



63, 61.765, 16.839



63, 61.765, 146.839



63, 61.765, 196.839

Sweetspot

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



63, 61.763, 326.839



91, 22.349, 325.206



53, 55.995, 296.581



47, 15.441, 325.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 61.763, 326.839



70, 84.280, 327.277



61, 44.730, 348.368



42, 7.847, 324.940



41, 85.598, 328.237



6, 32.948, 328.047

Inverse Universe

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



63, 61.763, 326.839



70, 84.280, 327.277



79, 42.480, 158.992



42, 7.847, 324.940



41, 85.598, 328.237



6, 32.948, 328.047

Previews

White Background



This preview shows how the CIELCh color 63, 61.765, 326.839 looks on a white background.

Color Contrast Check

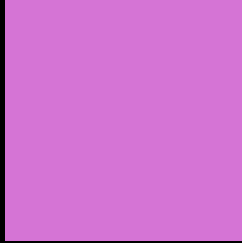
Large Text (above 18pt) WCAG AA × Fail

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 63, 61.765, 326.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

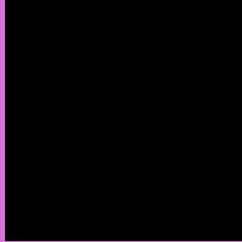
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 61.765, 326.839

Background



This preview shows how black text looks on a background with the CIELCh color 63, 61.765, 326.839.

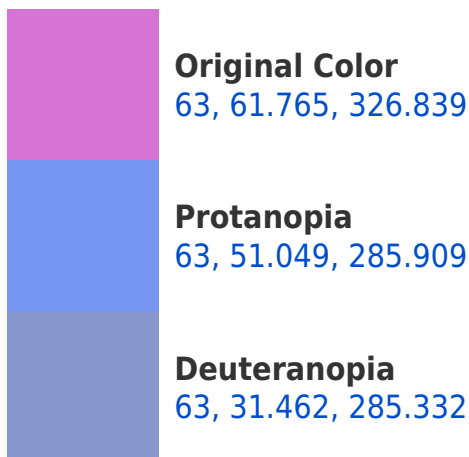


This preview shows how white text looks on a background with the CIELCh color 63, 61.765, 326.839.

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
63, 29.209, 11.808

Trichromacy



Original Color
63, 61.765, 326.839



Protanomaly
62, 52.442, 300.424



Deuteranomaly
62, 40.981, 306.810

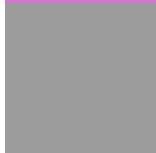


Tritanomaly
63, 37.803, 346.010

Monochromacy



Original Color
63, 61.765, 326.839



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 23.502, 325.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 61.765, 326.839 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(213, 116, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 116, 213)  
}
```

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(213, 116, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 116, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 61.765, 326.839 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(213, 116, 213) }
```

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

```
.border{ border-color:rgb(213, 116, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 116, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 116, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 116, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 116,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 61.765, 326.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 116, 213) }
```

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

```
.background{ background-color: rgb(213,  
116, 213) }
```

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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