

Converting Colors

CIELCh(61, 67.447, 327.040)

Have a look what the booklet for
CIELCh(61, 67.447, 327.040)
contains.

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Color

CIELCh(61, 67.472, 327.050)

Conversions

Conversions Part 1

Format	Color
Hex	D56AD5
RGB	213, 106, 213
RGB Percent	84%, 42%, 84%
CMY	0.1648, 0.5844, 0.1648
CMYK	0.00, 0.50, 0.00, 0.16
HSL	300°, 56%, 63%
HSV	300°, 50%, 84%
XYZ	44.5916, 29.2481, 66.2292
YIQ	150.1910, 29.4250, 55.9610

Conversions

Conversions Part 2

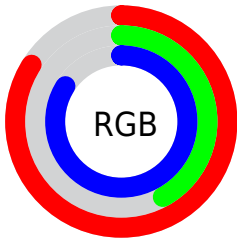
Format	Color
RYB	213, 106, 213
Decimal	13986517
CIELab	61.00, 56.62, -36.70
CIElCh	61, 67.472, 327.050
Yxy	29.2481, 0.3184, 0.2088
Android (android.graphics.Color)	4292176597 (0xFFD56AD5)
YUV	150.1910, 30.9648, 55.0835
Hunter-Lab	54.0815, 52.5350, -34.7505

Details

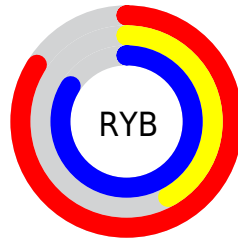
The CIELCh color $61, 67.472, 327.050$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $77, 67.843, 140.324$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 58.540, 326.437$, and $41, 67.465, 327.065$ is the 20% darker color. If you saturate the color by 10%, you get $57, 78.551, 327.453$, and if you desaturate by 10%, it is $65, 55.021, 326.586$.

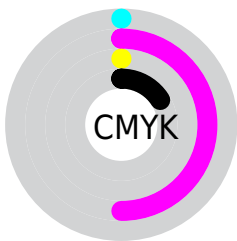
Distribution



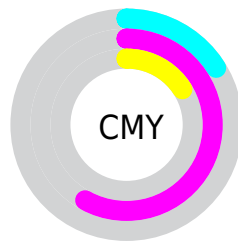
- Red (84%)
- Green (42%)
- Blue (84%)



- Red (84%)
- Yellow (42%)
- Blue (84%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 67.472, 327.050 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 61, 67.472, 327.050 by changing the saturation by 10% instead.


 61, 67.472,
327.050


 61, 67.472,
327.050


 100, 67.472,
327.050


 51, 67.472,
327.050


 81, 67.472,
327.050

 41, 67.472,
327.050

 91, 67.472,
327.050

 31, 67.472,
327.050

 21, 67.472,
327.050

 11, 67.472,
327.050

 1, 67.472, 327.050

 0, 67.472, 327.050

61, 67.472,
327.050

61, 67.472,
327.050

57, 78.551,
327.453

65, 55.021,
326.586

55, 87.731,
327.779

70, 41.712,
326.077

53, 94.562,
328.017

75, 27.964,
325.539

51, 98.823,
328.163

80, 14.097,
324.983

51, 100.884,
328.233

85, 0.334, 323.646

91, 13.178,
143.940

96, 26.311,
143.411

96, 26.311,
143.411

■ 96, 26.311,
143.411

Harmonies

Complementary

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



61, 67.472, 327.050



77, 67.843, 140.324

Rectangle

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



61, 67.472, 327.050



61, 67.472, 17.050



61, 67.472, 147.050



61, 67.472, 197.050

Sweetspot

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



61, 67.470, 327.050



91, 23.957, 325.259



50, 62.381, 297.532



47, 16.356, 325.377



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 67.470, 327.050



68, 90.426, 327.467



59, 49.040, 349.060



42, 7.847, 324.937



41, 85.606, 328.233



6, 32.951, 328.043

Inverse Universe

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



61, 67.470, 327.050



68, 90.426, 327.467



78, 46.456, 158.341



42, 7.847, 324.937



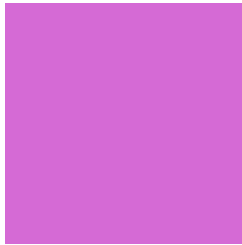
41, 85.606, 328.233



6, 32.951, 328.043

Previews

White Background



This preview shows how the CIELCh color 61, 67.472, 327.050 looks on a white background.

Color Contrast Check

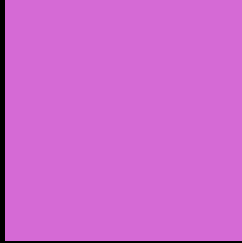
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 67.472, 327.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

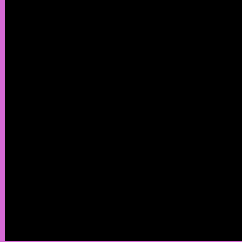
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 67.472, 327.050

Background



This preview shows how black text looks on a background with the CIELCh color 61, 67.472, 327.050.

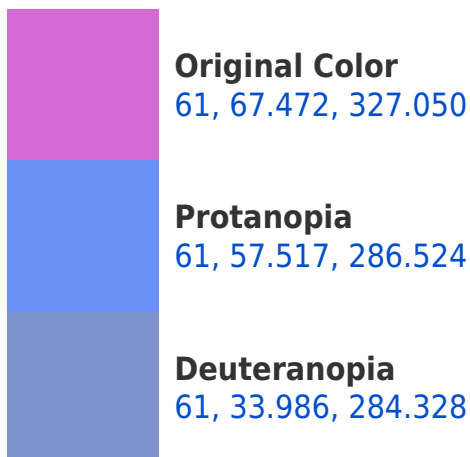


This preview shows how white text looks on a background with the CIELCh color 61, 67.472, 327.050.

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
61, 32.382, 14.348

Trichromacy



Original Color
61, 67.472, 327.050



Protanomaly
60, 58.941, 300.471



Deuteranomaly
60, 45.137, 306.356



Tritanomaly
61, 41.485, 347.683

Monochromacy



Original Color
61, 67.472, 327.050



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 26.306, 325.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 67.472, 327.050 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, 106, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 106, 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, 106, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 106, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 67.472, 327.050 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, 106, 213) }
```

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

```
.border{ border-color:rgb(213, 106, 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, 106, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 106, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 106, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 106,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 67.472, 327.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 106, 213) }
```

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

```
.background{ background-color: rgb(213,  
106, 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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