

Converting Colors

CIELCh(61, 64.980, 328.735)

Have a look what the booklet for
CIELCh(61, 64.980, 328.735)
contains.

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Color

CIELCh(61, 64.980, 328.735)

Conversions

Conversions Part 1

Format	Color
Hex	D66BD0
RGB	214, 107, 208
RGB Percent	84%, 42%, 82%
CMY	0.1620, 0.5815, 0.1854
CMYK	0.00, 0.50, 0.03, 0.16
HSL	303°, 56%, 63%
HSV	303°, 50%, 84%
XYZ	44.2223, 29.2481, 62.8030
YIQ	150.5070, 31.3510, 54.0950

Conversions

Conversions Part 2

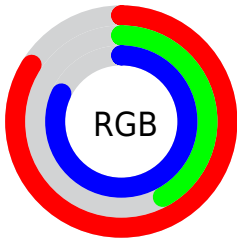
Format	Color
R_{YB}	214, 107, 208
Decimal	14052304
CIE _{Lab}	61.00, 55.54, -33.72
CIE _{LCh}	61, 64.980, 328.735
Yxy	29.2481, 0.3245, 0.2146
Android (android.graphics.Color)	4292242384 (0xFFD66BD0)
YUV	150.5070, 28.3440, 55.6834
Hunter-Lab	54.0815, 51.3162, -30.9943

Details

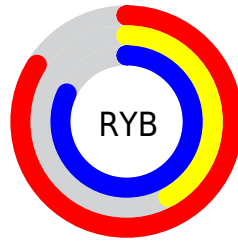
The CIELCh color **61, 64.980, 328.735** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 65.395, 141.785**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.941, 326.417**, and **41, 64.974, 328.851** is the 20% darker color. If you saturate the color by 10%, you get **57, 75.705, 329.215**, and if you desaturate by 10%, it is **65, 52.923, 328.215**.

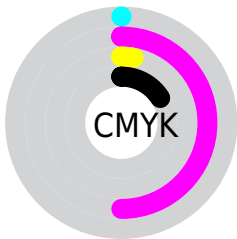
Distribution



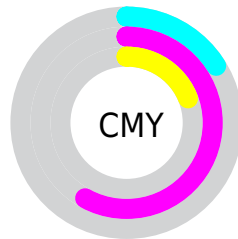
- Red (84%)
- Green (42%)
- Blue (82%)



- Red (84%)
- Yellow (42%)
- Blue (82%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.980, 328.735 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, 64.980, 328.735 by changing the saturation by 10% instead.

 61, 64.980,
328.735


 61, 64.980,
328.735


 100, 64.980,
328.735


 51, 64.980,
328.735


 81, 64.980,
328.735

 41, 64.980,
328.735

 91, 64.980,
328.735

 31, 64.980,
328.735

 21, 64.980,
328.735

 11, 64.980,
328.735

 1, 64.980, 328.735

 0, 64.980, 328.735

61, 64.980,
328.735

61, 64.980,
328.735

57, 75.705,
329.215

65, 52.923,
328.215

54, 84.566,
329.644

70, 40.046,
327.665

52, 91.091,
330.017

75, 26.758,
327.099

51, 95.033,
330.337

80, 13.367,
326.522

50, 96.756,
330.616

85, 0.086, 322.661

91, 12.948,
145.458

96, 24.850,
145.002

96, 24.354,
145.835

■ 96, 23.861,
146.701

Harmonies

Complementary

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



61, 64.980, 328.735



77, 65.395, 141.785

Rectangle

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



61, 64.980, 328.735



61, 64.980, 18.735



61, 64.980, 148.735



61, 64.980, 198.735

Sweetspot

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



61, 64.977, 328.735



91, 23.063, 326.818



50, 62.274, 298.748



47, 15.746, 326.940



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, 64.977, 328.735



68, 87.116, 329.240



59, 47.832, 352.212



42, 7.554, 326.485



40, 81.949, 330.578



6, 31.640, 329.934

Inverse Universe

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



61, 64.977, 328.735



68, 87.116, 329.240



78, 44.471, 161.044



42, 7.554, 326.485



40, 81.949, 330.578



6, 31.640, 329.934

Previews

White Background



This preview shows how the CIELCh color 61, 64.980, 328.735 looks on a white background.

Color Contrast Check

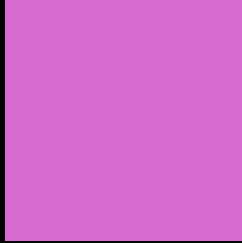
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.980, 328.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

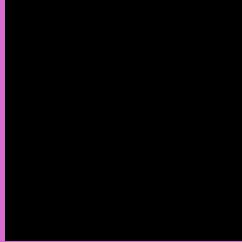
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 64.980, 328.735

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.980, 328.735.

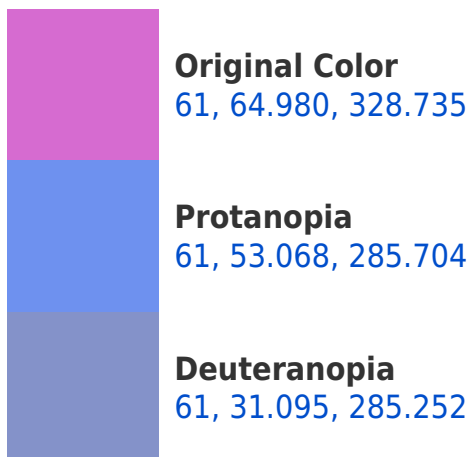


This preview shows how white text looks on a background with the CIELCh color 61, 64.980, 328.735.

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, 33.646, 13.924

Trichromacy



Original Color
61, 64.980, 328.735



Protanomaly
60, 55.088, 301.128



Deuteranomaly
60, 41.455, 308.260

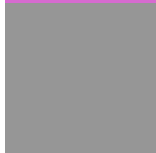


Tritanomaly
61, 41.281, 349.403

Monochromacy



Original Color
61, 64.980, 328.735



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 25.410, 327.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.980, 328.735 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(214, 107, 208)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 208)  
}
```

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(214, 107, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.980, 328.735 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(214, 107, 208) }
```

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

```
.border{ border-color:rgb(214, 107, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 107, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 208);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.980, 328.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 208) }
```

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

```
.background{ background-color: rgb(214,  
107, 208) }
```

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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