

Converting Colors

CIELCh(61, 76.829, 328.967)

Have a look what the booklet for
CIELCh(61, 76.829, 328.967)
contains.

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Color

CIELCh(61, 76.604, 329.048)

Conversions

Conversions Part 1

Format	Color
Hex	E15FDA
RGB	225, 95, 218
RGB Percent	88%, 37%, 85%
CMY	0.1177, 0.6275, 0.1452
CMYK	0.00, 0.58, 0.03, 0.12
HSL	303°, 68%, 63%
HSV	303°, 58%, 88%
XYZ	47.7905, 29.2481, 69.4462
YIQ	147.8920, 37.9970, 65.8130

Conversions

Conversions Part 2

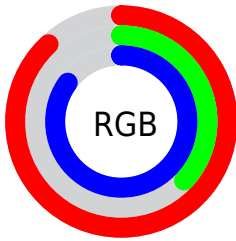
Format	Color
R _{YB}	225, 95, 218
Decimal	14770138
CIE _{Lab}	61.00, 65.70, -39.40
CIE _{LCh}	61, 76.604, 329.048
Y _{xy}	29.2481, 0.3262, 0.1997
Android (android.graphics.Color)	4292960218 (0xFFE15FDA)
YUV	147.8920, 34.5632, 67.6237
Hunter-Lab	54.0815, 63.0932, -38.2773

Details

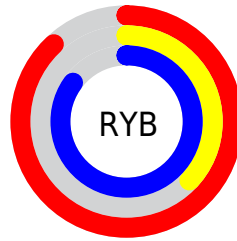
The CIELCh color **61, 76.604, 329.048** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **80, 77.526, 140.787**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.873, 326.613**, and **41, 76.661, 329.023** is the 20% darker color. If you saturate the color by 10%, you get **58, 86.306, 329.486**, and if you desaturate by 10%, it is **65, 65.060, 328.560**.

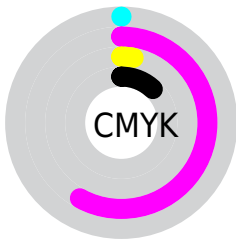
Distribution



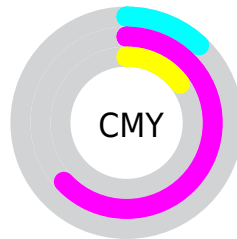
- Red (88%)
- Green (37%)
- Blue (85%)



- Red (88%)
- Yellow (37%)
- Blue (85%)



- Cyan (0%)
- Magenta (58%)
- Yellow (3%)
- Black (12%)





- Cyan (12%)
- Magenta (63%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 76.604, 329.048 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, 76.604, 329.048 by changing the saturation by 10% instead.


 61, 76.604,
329.048


 61, 76.604,
329.048


 100, 76.604,
329.048


 51, 76.604,
329.048


 81, 76.604,
329.048

 41, 76.604,
329.048

 91, 76.604,
329.048

 31, 76.604,
329.048

 21, 76.604,
329.048

 11, 76.604,
329.048

 1, 76.604, 329.048

 0, 76.604, 329.048

61, 76.604,
329.048

61, 76.604,
329.048

58, 86.306,
329.486

65, 65.060,
328.560

55, 93.655,
329.866

69, 52.248,
328.033

54, 98.328,
330.190

74, 38.676,
327.479

53, 100.426,
330.468

80, 24.754,
326.910

53, 100.731,
330.527

85, 10.780,
326.327

91, 3.040, 145.893

97, 16.577,
145.269

97, 17.625,
146.243

■ 97, 17.129,
147.469

Harmonies

Complementary

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



61, 76.604, 329.048



80, 77.526, 140.787

Rectangle

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



61, 76.604, 329.048



61, 76.604, 19.048



61, 76.604, 149.048



61, 76.604, 199.048

Sweetspot

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



61, 76.601, 329.048



90, 26.195, 326.872



48, 76.021, 300.233



46, 17.530, 326.988



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, 76.601, 329.048



65, 96.443, 329.555



59, 56.746, 353.637



44, 7.860, 326.426



41, 83.885, 330.488



8, 34.655, 330.093

Inverse Universe

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



61, 76.601, 329.048



65, 96.443, 329.555



81, 52.510, 159.871



44, 7.860, 326.426



41, 83.885, 330.488



8, 34.655, 330.093

Previews

White Background



This preview shows how the CIELCh color 61, 76.604, 329.048 looks on a white background.

Color Contrast Check

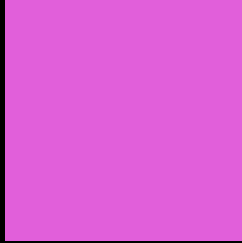
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.604, 329.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

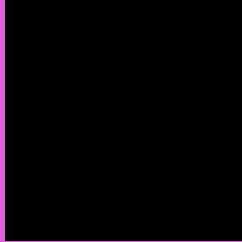
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 76.604, 329.048

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.604, 329.048.

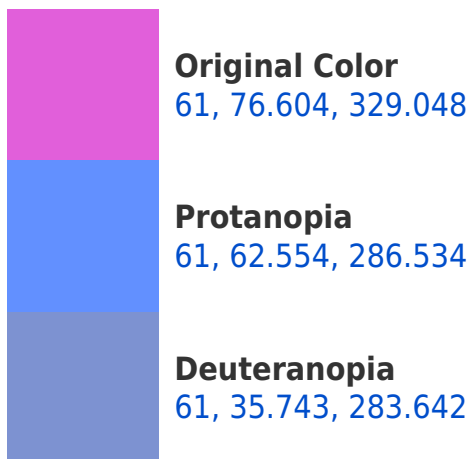


This preview shows how white text looks on a background with the CIELCh color 61, 76.604, 329.048.

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, 40.079, 17.159

Trichromacy



Original Color
61, 76.604, 329.048



Protanomaly
59, 65.761, 301.275



Deuteranomaly
59, 49.426, 307.877



Tritanomaly
61, 48.937, 351.020

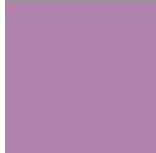
Monochromacy



Original Color
61, 76.604, 329.048



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 30.256, 327.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 76.604, 329.048 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(225, 95, 218)` looks like.

```
.text, #text, p{  
    color:rgb(225, 95, 218)  
}
```

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(225, 95, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 95, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.604, 329.048 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(225, 95, 218) }
```

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

```
.border{ border-color:rgb(225, 95, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 95, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 95, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 95, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 95,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.604, 329.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 95, 218) }
```

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

```
.background{ background-color: rgb(225, 95,  
218) }
```

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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