

Converting Colors

CIELCh(61, 76.092, 329.224)

Have a look what the booklet for
CIELCh(61, 76.092, 329.224)
contains.

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Color

CIELCh(61, 76.211, 329.301)

Conversions

Conversions Part 1

Format	Color
Hex	E15FD9
RGB	225, 95, 217
RGB Percent	88%, 37%, 85%
CMY	0.1172, 0.6270, 0.1486
CMYK	0.00, 0.58, 0.04, 0.12
HSL	304°, 69%, 63%
HSV	304°, 58%, 88%
XYZ	47.7312, 29.2481, 68.8536
YIQ	147.7780, 38.3180, 65.5020

Conversions

Conversions Part 2

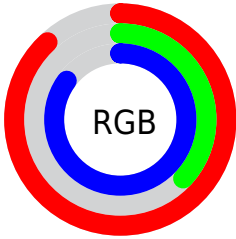
Format	Color
RYB	225, 95, 217
Decimal	14770137
CIELab	61.00, 65.53, -38.91
CIELCh	61, 76.211, 329.301
Yxy	29.2481, 0.3273, 0.2006
Android (android.graphics.Color)	4292960217 (0xFFE15FD9)
YUV	147.7780, 34.1264, 67.7237
Hunter-Lab	54.0815, 62.8974, -37.6276

Details

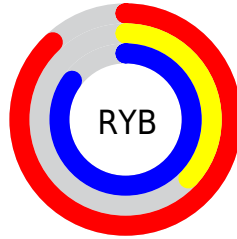
The CIELCh color **61, 76.211, 329.301** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **80, 77.144, 140.991**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.873, 326.613**, and **41, 76.265, 329.290** is the 20% darker color. If you saturate the color by 10%, you get **58, 85.869, 329.753**, and if you desaturate by 10%, it is **65, 64.716, 328.802**.

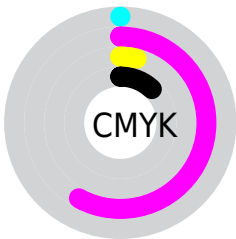
Distribution



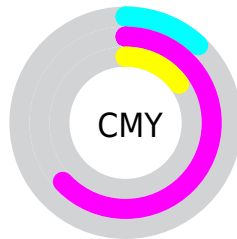
- Red (88%)
- Green (37%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (12%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 76.211, 329.301 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, 76.211, 329.301 by changing the saturation by 10% instead.


 61, 76.211,
329.301


 61, 76.211,
329.301


 100, 76.211,
329.301


 51, 76.211,
329.301


 81, 76.211,
329.301

 41, 76.211,
329.301


 91, 76.211,
329.301

 31, 76.211,
329.301

 21, 76.211,
329.301

 11, 76.211,
329.301

 1, 76.211, 329.301

 0, 76.211, 329.301

61, 76.211,
329.301

61, 76.211,
329.301

58, 85.869,
329.753

65, 64.716,
328.802

55, 93.178,
330.154

69, 51.959,
328.267

54, 97.810,
330.503

74, 38.448,
327.707

53, 99.861,
330.813

80, 24.590,
327.134


53, 100.158,
330.880

85, 10.684,
326.548

91, 3.069, 146.112

97, 16.539,
145.487

97, 17.377,
146.652

 97, 16.814,
148.095

Harmonies

Complementary

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



61, 76.211, 329.301



80, 77.144, 140.991

Rectangle

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



61, 76.211, 329.301



61, 76.211, 19.301



61, 76.211, 149.301



61, 76.211, 199.301

Sweetspot

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



61, 76.208, 329.301



89, 26.057, 327.098



48, 76.012, 300.227



46, 17.437, 327.214



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, 76.208, 329.301



64, 95.938, 329.827



59, 56.746, 353.631



44, 7.819, 326.650



41, 83.378, 330.835



8, 34.474, 330.377

Inverse Universe

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



61, 76.208, 329.301



64, 95.938, 329.827



81, 52.511, 159.876



44, 7.819, 326.650



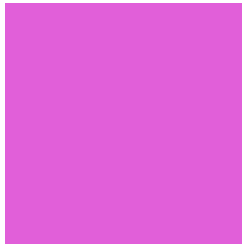
41, 83.378, 330.835



8, 34.474, 330.377

Previews

White Background



This preview shows how the CIELCh color 61, 76.211, 329.301 looks on a white background.

Color Contrast Check

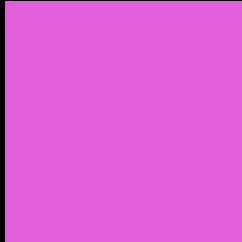
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.211, 329.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

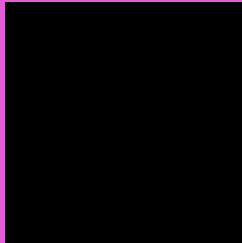
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 76.211, 329.301

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.211, 329.301.

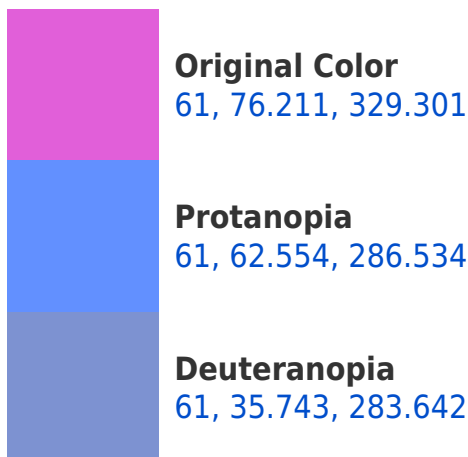


This preview shows how white text looks on a background with the CIELCh color 61, 76.211, 329.301.

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, 76.211, 329.301



Protanomaly
59, 65.221, 301.282



Deuteranomaly
59, 49.426, 307.877



Tritanomaly
61, 48.724, 351.610

Monochromacy



Original Color
61, 76.211, 329.301



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, 76.211, 329.301 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 95, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 95, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.211, 329.301 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, 217) }
```

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

```
.border{ border-color:rgb(225, 95, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 95, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 95, 217); box-shadow:4px 4px 4px 4px rgb(225, 95, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.211, 329.301 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, 217) }
```

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

```
.background{ background-color: rgb(225, 95,  
217) }
```

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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