

Converting Colors

CIELCh(61, 91.834, 328.213)

Have a look what the booklet for
CIELCh(61, 91.834, 328.213)
contains.

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Color

CIELCh(61, 91.843, 328.309)

Conversions

Conversions Part 1

Format	Color
Hex	ED4DEA
RGB	237, 77, 234
RGB Percent	93%, 30%, 92%
CMY	0.0706, 0.6981, 0.0824
CMYK	0.00, 0.68, 0.01, 0.07
HSL	301°, 82%, 62%
HSV	301°, 68%, 93%
XYZ	52.4232, 29.2481, 80.7157
YIQ	142.7380, 44.9630, 82.7470

Conversions

Conversions Part 2

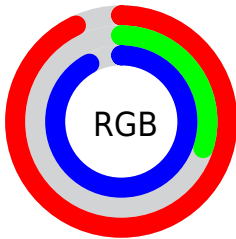
Format	Color
RYB	237, 77, 234
Decimal	15551978
CIELab	61.00, 78.15, -48.25
CIELCh	61, 91.843, 328.309
Yxy	29.2481, 0.3228, 0.1801
Android (android.graphics.Color)	4293742058 (0xFFED4DEA)
YUV	142.7380, 44.9922, 82.6678
Hunter-Lab	54.0815, 78.3838, -50.6321

Details

The CIELCh color **61, 91.843, 328.309** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **83, 93.569, 138.734**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **42, 88.264, 328.011** is the 20% darker color. If you saturate the color by 10%, you get **58, 99.768, 328.609**, and if you desaturate by 10%, it is **64, 81.438, 327.932**.

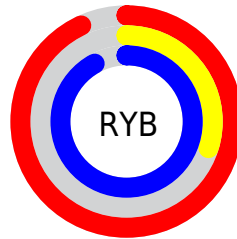
Distribution



Red (93%)

Green (30%)

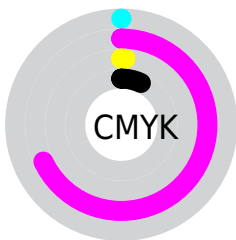
Blue (92%)



Red (93%)

Yellow (30%)

Blue (92%)

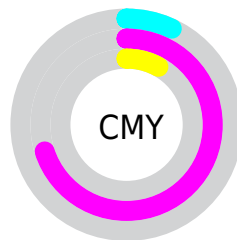


Cyan (0%)

Magenta (68%)

Yellow (1%)

Black (7%)



Cyan (7%)


Magenta (70%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 91.843, 328.309 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, 91.843, 328.309 by changing the saturation by 10% instead.


 61, 91.843,
328.309


 61, 91.843,
328.309


 100, 91.843,
328.309


 51, 91.843,
328.309


 81, 91.843,
328.309

 41, 91.843,
328.309

 91, 91.843,
328.309

 31, 91.843,
328.309

 21, 91.843,
328.309

 11, 91.843,
328.309

 1, 91.843, 328.309

 0, 91.843, 328.309

61, 91.843,
328.309

61, 91.843,
328.309

58, 99.768,
328.609

64, 81.438,
327.932

57, 104.899,
328.827

68, 69.097,
327.487

56, 107.326,
328.972

73, 55.409,
326.991

56, 107.718,
329.003


78, 40.913,
326.459

84, 26.043,
325.905

89, 11.119,
325.333

95, 3.640, 144.890

98, 10.982,
144.886

 98, 10.797,
145.574

Harmonies

Complementary

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



61, 91.843, 328.309



83, 93.569, 138.734

Rectangle

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



61, 91.843, 328.309



61, 91.843, 18.309



61, 91.843, 148.309



61, 91.843, 198.309

Sweetspot

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



61, 91.840, 328.309



88, 31.582, 326.049



43, 93.974, 301.642



45, 21.550, 326.206



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, 91.840, 328.309



62, 107.878, 328.702



58, 67.870, 353.425



46, 8.351, 325.447



43, 88.065, 328.989



9, 37.792, 328.877

Inverse Universe

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



61, 91.840, 328.309



62, 107.878, 328.702



84, 64.114, 156.411



46, 8.351, 325.447



43, 88.065, 328.989



9, 37.792, 328.877

Previews

White Background



This preview shows how the CIELCh color 61, 91.843, 328.309 looks on a white background.

Color Contrast Check

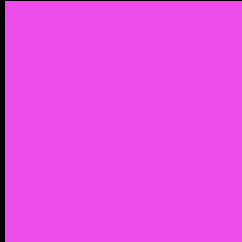
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 61, 91.843, 328.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

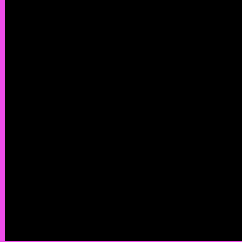
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 91.843, 328.309

Background



This preview shows how black text looks on a background with the CIELCh color 61, 91.843, 328.309.

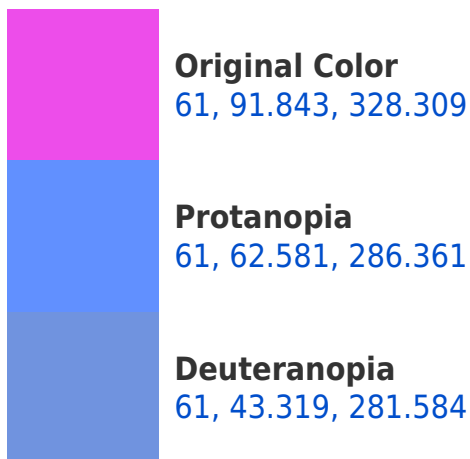


This preview shows how white text looks on a background with the CIELCh color 61, 91.843, 328.309.

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, 46.664, 19.832

Trichromacy



Original Color
61, 91.843, 328.309



Protanomaly
58, 72.185, 303.539



Deuteranomaly
59, 60.436, 306.279



Tritanomaly
60, 57.067, 351.333

Monochromacy



Original Color
61, 91.843, 328.309



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 38.394, 326.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 91.843, 328.309 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(237, 77, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 77, 234)  
}
```

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(237, 77, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 77, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 91.843, 328.309 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(237, 77, 234) }
```

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

```
.border{ border-color:rgb(237, 77, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 77, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 77, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 77, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 77,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 91.843, 328.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 77, 234) }
```

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

```
.background{ background-color: rgb(237, 77,  
234) }
```

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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