

Converting Colors

CIELCh(61, 110.705, 328.109)

Have a look what the booklet for
CIELCh(61, 110.705, 328.109)
contains.

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Color

CIELCh(61, 110.750, 328.109)

Conversions

Conversions Part 1

Format	Color
Hex	FD25FD
RGB	253, 37, 253
RGB Percent	99%, 15%, 99%
CMY	0.0090, 0.8532, 0.0090
CMYK	0.00, 0.85, 0.00, 0.01
HSL	300°, 98%, 57%
HSV	300°, 85%, 99%
XYZ	58.7545, 29.2481, 95.2357
YIQ	126.2080, 59.4000, 112.9680

Conversions

Conversions Part 2

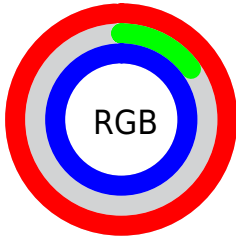
Format	Color
R _Y B	253, 37, 253
Decimal	16590333
CIE Lab	61.00, 94.03, -58.51
CIE LCh	61, 110.750, 328.109
Yxy	29.2481, 0.3206, 0.1596
Android (android.graphics.Color)	4294780413 (0xFFFD25FD)
YUV	126.2080, 62.5085, 111.1966
Hunter-Lab	54.0815, 99.2807, -66.5505

Details

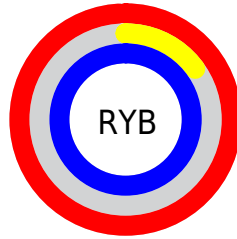
The CIELCh color **61, 110.750, 328.109** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **87, 114.095, 136.637**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.162, 327.270**, and **46, 94.526, 327.420** is the 20% darker color. If you saturate the color by 10%, you get **60, 113.970, 328.205**, and if you desaturate by 10%, it is **63, 104.585, 327.923**.

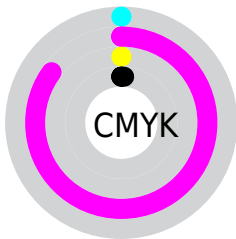
Distribution



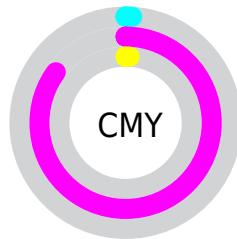
- Red (99%)
- Green (15%)
- Blue (99%)



- Red (99%)
- Yellow (15%)
- Blue (99%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (85%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 110.750, 328.109 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, 110.750, 328.109 by changing the saturation by 10% instead.


 61, 110.750,
328.109


 61, 110.750,
328.109


 100, 110.750,
328.109


 51, 110.750,
328.109


 81, 110.750,
328.109


 41, 110.750,
328.109


 91, 110.750,
328.109

 31, 110.750,
328.109

 21, 110.750,
328.109

 11, 110.750,
328.109

 1, 110.750,
328.109

 0, 110.750,

328.109

■ 61, 110.750,
328.109

■ 61, 110.750,
328.109

■ 60, 113.970,
328.205

■ 63, 104.585,
327.923

■ 60, 114.780,
328.229

■ 66, 95.507,
327.643

■ 69, 83.912,
327.278

■ 74, 70.388,
326.840

■ 79, 55.558,
326.348

■ 84, 39.975,
325.819

90, 24.075,
325.266

96, 8.177, 324.688

100, 1.409,
144.601

Harmonies

Complementary

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



61, 110.750, 328.109



87, 114.095, 136.637

Rectangle

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



61, 110.750, 328.109



61, 110.750, 18.109



61, 110.750, 148.109



61, 110.750, 198.109

Sweetspot

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



61, 110.747, 328.109



84, 41.566, 325.864



36, 121.708, 304.578



43, 28.143, 326.050



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, 110.747, 328.109



60, 115.567, 328.229



56, 81.960, 355.767



50, 9.057, 324.945



45, 93.083, 328.229



12, 42.823, 328.230

Inverse Universe

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



54, 93.834, 36.120



53, 104.572, 39.998



88, 82.461, 151.182



49, 5.254, 19.937



40, 84.226, 39.997



10, 33.367, 27.173

Previews

White Background



This preview shows how the CIELCh color 61, 110.750, 328.109 looks on a white background.

Color Contrast Check

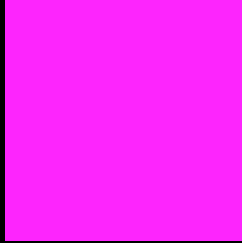
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.750, 328.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

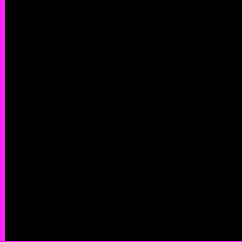
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 110.750, 328.109

Background



This preview shows how black text looks on a background with the CIELCh color 61, 110.750, 328.109.

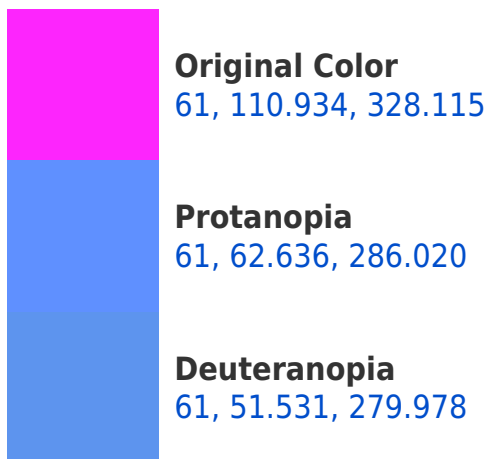


This preview shows how white text looks on a background with the CIELCh color 61, 110.750,

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, 56.350, 22.872

Trichromacy



Original Color
61, 110.934, 328.115



Protanomaly
56, 84.918, 306.873



Deuteranomaly
56, 77.418, 306.671



Tritanomaly
59, 69.674, 351.557

Monochromacy



Original Color
61, 110.934, 328.115



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 51.763, 326.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 110.750, 328.109 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(253, 37, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 37, 253)  
}
```

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(253, 37, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 37, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 110.750, 328.109 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(253, 37, 253) }
```

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

```
.border{ border-color:rgb(253, 37, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 37, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 37, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 37, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 37,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 110.750, 328.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 37, 253) }
```

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

```
.background{ background-color: rgb(253, 37,  
253) }
```

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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