

Converting Colors

CIELCh(61, 109.640, 328.862)

Have a look what the booklet for
CIELCh(61, 109.640, 328.862)
contains.

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Color

CIELCh(61, 109.478, 328.954)

Conversions

Conversions Part 1

Format	Color
Hex	FE25F9
RGB	254, 37, 249
RGB Percent	100%, 15%, 98%
CMY	0.0038, 0.8545, 0.0234
CMYK	0.00, 0.85, 0.02, 0.00
HSL	301°, 99%, 57%
HSV	301°, 85%, 100%
XYZ	58.6564, 29.2481, 92.2075
YIQ	126.0510, 61.2800, 111.9360

Conversions

Conversions Part 2

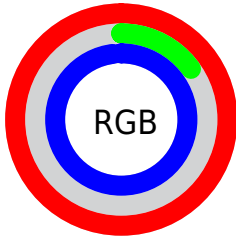
Format	Color
R _Y B	254, 37, 249
Decimal	16655865
CIE Lab	61.00, 93.80, -56.46
CIE LCh	61, 109.478, 328.954
Yxy	29.2481, 0.3257, 0.1624
Android (android.graphics.Color)	4294845945 (0xFFFE25F9)
YUV	126.0510, 60.6139, 112.2113
Hunter-Lab	54.0815, 98.9570, -63.2307

Details

The CIELCh color **61, 109.478, 328.954** 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 **88, 113.814, 136.932**, 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, 93.355, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **60, 112.457, 329.126**, and if you desaturate by 10%, it is **63, 103.535, 328.708**.

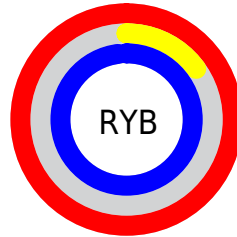
Distribution



Red (100%)

Green (15%)

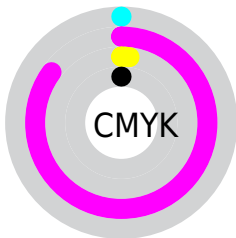
Blue (98%)



Red (100%)

Yellow (15%)

Blue (98%)

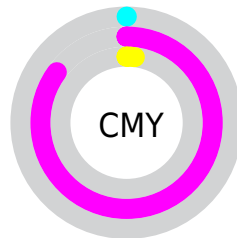


Cyan (0%)

Magenta (85%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 109.478, 328.954 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, 109.478, 328.954 by changing the saturation by 10% instead.


 61, 109.478,
328.954


 61, 109.478,
328.954


 100, 109.478,
328.954


 51, 109.478,
328.954


 81, 109.478,
328.954


 41, 109.478,
328.954

 91, 109.478,
328.954

 31, 109.478,
328.954

 21, 109.478,
328.954

 11, 109.478,
328.954

 1, 109.478,
328.954

 0, 109.478,

328.954

■ 61, 109.478,
328.954

■ 61, 109.478,
328.954

■ 60, 112.457,
329.126

■ 63, 103.535,
328.708

■ 60, 113.136,
329.188

■ 66, 94.663,
328.383

■ 69, 83.259,
327.984

■ 74, 69.919,
327.522

■ 79, 55.269,
327.012

■ 84, 39.866,
326.470

90, 24.144,
325.908

96, 8.421, 325.324

100, 0.478,
154.350

Harmonies

Complementary

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



61, 109.478, 328.954



88, 113.814, 136.932

Rectangle

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



61, 109.478, 328.954



61, 109.478, 18.954



61, 109.478, 148.954



61, 109.478, 198.954

Sweetspot

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



61, 109.475, 328.954



84, 40.929, 326.503



36, 123.728, 305.037



43, 27.713, 326.693



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, 109.475, 328.954



60, 113.459, 329.188



56, 81.547, 358.585



50, 8.916, 325.570



45, 91.414, 329.172



12, 42.146, 329.056

Inverse Universe

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



61, 109.475, 328.954



60, 113.459, 329.188



89, 80.239, 152.825



50, 8.916, 325.570



45, 91.414, 329.172



12, 42.146, 329.056

Previews

White Background



This preview shows how the CIELCh color 61, 109.478, 328.954 looks on a white background.

Color Contrast Check

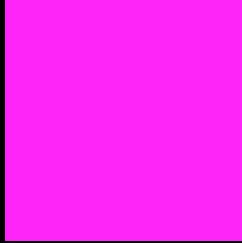
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.478, 328.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

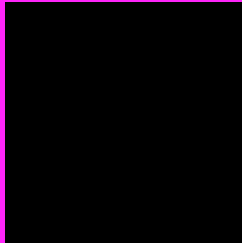
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 109.478, 328.954

Background



This preview shows how black text looks on a background with the CIELCh color 61, 109.478, 328.954.



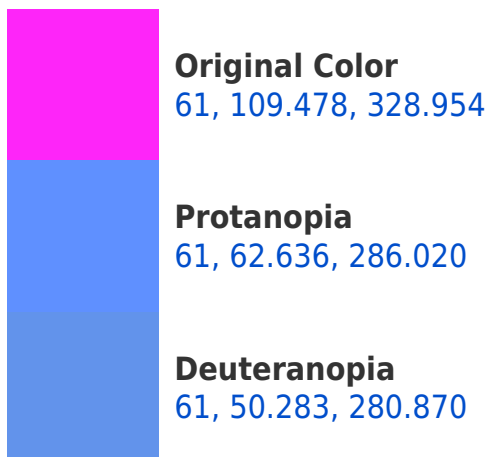
This preview shows how white text looks on a background with the CIELCh color 61, 109.478, 328.954.

328.954.

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, 58.106, 23.307

Trichromacy



Original Color
61, 109.478, 328.954



Protanomaly
56, 84.401, 307.096



Deuteranomaly
56, 76.493, 307.844



Tritanomaly
59, 70.145, 352.821

Monochromacy



Original Color
61, 109.478, 328.954



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 51.468, 327.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 109.478, 328.954 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(254, 37, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 37, 249)  
}
```

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(254, 37, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 37, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 109.478, 328.954 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(254, 37, 249) }
```

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

```
.border{ border-color:rgb(254, 37, 249) }
```

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

Here you see how a box with a 4 pixel rgb(254, 37, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 37, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 37, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 37,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 109.478, 328.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 37, 249) }
```

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

```
.background{ background-color: rgb(254, 37,  
249) }
```

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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