

Converting Colors

CIELCh(61, 111.406, 328.116)

Have a look what the booklet for
CIELCh(61, 111.406, 328.116)
contains.

CIELCh(61, 111.289, 328.125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(61, 111.289, 328.125)

Conversions

Conversions Part 1

Format	Color
Hex	FD23FD
RGB	253, 35, 253
RGB Percent	99%, 14%, 99%
CMY	0.0071, 0.8611, 0.0071
CMYK	0.00, 0.86, 0.00, 0.01
HSL	300°, 98%, 57%
HSV	300°, 86%, 99%
XYZ	58.9509, 29.2481, 95.6221
YIQ	125.0340, 59.9500, 114.0140

Conversions

Conversions Part 2

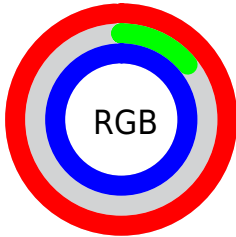
Format	Color
R _{YB}	253, 35, 253
Decimal	16589821
CIE _{Lab}	61.00, 94.51, -58.77
CIE _{LCh}	61, 111.289, 328.125
Yxy	29.2481, 0.3207, 0.1591
Android (android.graphics.Color)	4294779901 (0xFFFD23FD)
YUV	125.0340, 63.0872, 112.2262
Hunter-Lab	54.0815, 99.9289, -66.9742

Details

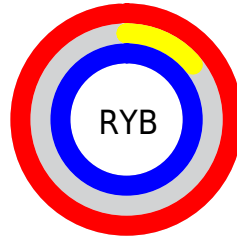
The CIELCh color **61, 111.289, 328.125** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **87, 114.713, 136.582**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.662, 327.285**, and **46, 94.526, 327.420** is the 20% darker color. If you saturate the color by 10%, you get **60, 114.280, 328.215**, and if you desaturate by 10%, it is **63, 105.367, 327.946**.

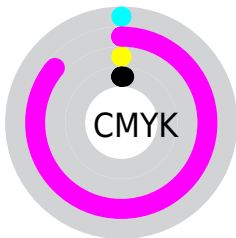
Distribution



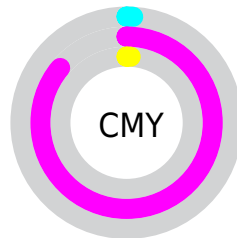
- Red (99%)
- Green (14%)
- Blue (99%)



- Red (99%)
- Yellow (14%)
- Blue (99%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (86%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 111.289, 328.125 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, 111.289, 328.125 by changing the saturation by 10% instead.


 61, 111.289,
328.125


 61, 111.289,
328.125


 100, 111.289,
328.125


 51, 111.289,
328.125


 81, 111.289,
328.125


 41, 111.289,
328.125


 91, 111.289,
328.125

 31, 111.289,
328.125

 21, 111.289,
328.125

 11, 111.289,
328.125

 1, 111.289,
328.125

 0, 111.289,

328.125

■ 61, 111.289,
328.125

■ 61, 111.289,
328.125

■ 60, 114.280,
328.215

■ 63, 105.367,
327.946

■ 60, 114.943,
328.234

■ 66, 96.511,
327.674

■ 69, 85.088,
327.315

■ 73, 71.681,
326.883

■ 78, 56.915,
326.395

■ 84, 41.352,
325.868

90, 25.441,
325.317

96, 9.508, 324.743

100, 1.107,
144.689

Harmonies

Complementary

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



61, 111.289, 328.125



87, 114.713, 136.582

Rectangle

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



61, 111.289, 328.125



61, 111.289, 18.125



61, 111.289, 148.125



61, 111.289, 198.125

Sweetspot

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



61, 111.286, 328.125



84, 41.565, 325.867



35, 124.159, 305.025



43, 28.143, 326.053



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, 111.286, 328.125



60, 115.563, 328.234



56, 81.908, 357.407



50, 9.056, 324.948



45, 93.079, 328.234



12, 42.821, 328.234

Inverse Universe

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



61, 111.286, 328.125



60, 115.563, 328.234



88, 81.755, 151.833



50, 9.056, 324.948



45, 93.079, 328.234



12, 42.821, 328.234

Previews

White Background



This preview shows how the CIELCh color 61, 111.289, 328.125 looks on a white background.

Color Contrast Check

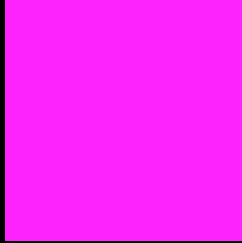
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.289, 328.125 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, 111.289, 328.125

Background



This preview shows how black text looks on a background with the CIELCh color 61, 111.289, 328.125.



This preview shows how white text looks on a background with the CIELCh color 61, 111.289, 328.125.

328.125.

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



Original Color

61, 111.289, 328.125

Protanopia

61, 62.636, 286.020

Deuteranopia

61, 52.093, 280.034



Tritanopia
61, 57.229, 23.090

Trichromacy



Original Color
61, 111.289, 328.125



Protanomaly
56, 84.916, 307.053



Deuteranomaly
56, 78.542, 306.797



Tritanomaly
59, 70.503, 351.983

Monochromacy



Original Color
61, 111.289, 328.125



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 52.981, 326.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 111.289, 328.125 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, 35, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 35, 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, 35, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 35, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 111.289, 328.125 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, 35, 253) }
```

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

```
.border{ border-color:rgb(253, 35, 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, 35, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 35, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 35, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 35,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 111.289, 328.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 35, 253) }
```

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

```
.background{ background-color: rgb(253, 35,  
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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