

Converting Colors

CIELCh(61, 112.802, 328.151)

Have a look what the booklet for
CIELCh(61, 112.802, 328.151)
contains.

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Color

CIELCh(61, 112.961, 328.155)

Conversions

Conversions Part 1

Format	Color
Hex	FF1CFF
RGB	255, 28, 255
RGB Percent	100%, 11%, 100%
CMY	0.0012, 0.8890, 0.0011
CMYK	0.00, 0.89, 0.00, 0.00
HSL	300°, 100%, 55%
HSV	300°, 89%, 100%
XYZ	59.5548, 29.2481, 96.8748
YIQ	121.7510, 62.4250, 118.7210

Conversions

Conversions Part 2

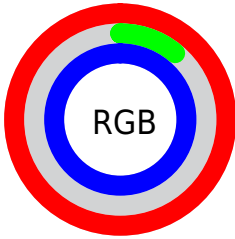
Format	Color
R _Y B	255, 28, 255
Decimal	16719103
CIE Lab	61.00, 95.96, -59.60
CIE LCh	61, 112.961, 328.155
Yxy	29.2481, 0.3207, 0.1575
Android (android.graphics.Color)	4294909183 (0xFFFF1CFF)
YUV	121.7510, 65.6918, 116.8594
Hunter-Lab	54.0815, 101.9221, -68.3475

Details

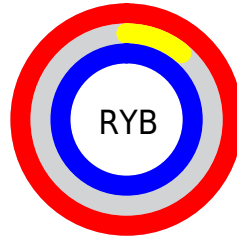
The CIELCh color **61, 112.961, 328.155** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **88, 116.624, 136.408**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 85.655, 327.317**, and **46, 95.248, 327.428** is the 20% darker color. If you saturate the color by 10%, you get **60, 115.285, 328.224**, and if you desaturate by 10%, it is **63, 107.885, 328.003**.

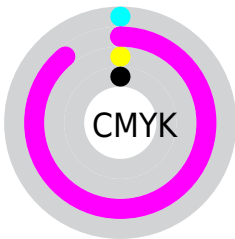
Distribution



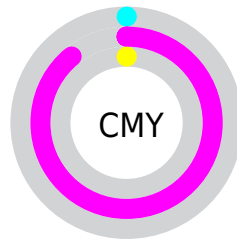
- Red (100%)
- Green (11%)
- Blue (100%)



- Red (100%)
- Yellow (11%)
- Blue (100%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (89%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 112.961, 328.155 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, 112.961, 328.155 by changing the saturation by 10% instead.


 61, 112.961,
328.155


 61, 112.961,
328.155


 100, 112.961,
328.155


 51, 112.961,
328.155


 81, 112.961,
328.155


 41, 112.961,
328.155


 91, 112.961,
328.155

 31, 112.961,
328.155

 21, 112.961,
328.155

 11, 112.961,
328.155

 1, 112.961,
328.155

 0, 112.961,

328.155

■ 61, 112.961,
328.155

■ 61, 112.961,
328.155

■ 60, 115.285,
328.224

■ 63, 107.885,
328.003

■ 60, 115.470,
328.229

■ 65, 99.815,
327.758

■ 68, 89.028,
327.423

■ 73, 76.066,
327.010

■ 77, 61.560,
326.537

■ 83, 46.100,
326.019

■ 88, 30.173,
325.474

■ 94, 14.142,
324.909

100, 0.165,
146.287

Harmonies

Complementary

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



61, 112.961, 328.155



88, 116.624, 136.408

Rectangle

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



61, 112.961, 328.155



61, 112.961, 18.155



61, 112.961, 148.155



61, 112.961, 198.155

Sweetspot

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



61, 112.958, 328.155



84, 43.153, 325.918



35, 126.217, 305.141



43, 29.037, 326.100



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, 112.958, 328.155



60, 115.567, 328.229



56, 83.460, 357.013



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, 97.748, 37.371



53, 104.572, 39.998



89, 85.274, 150.363



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, 112.961, 328.155 looks on a white background.

Color Contrast Check

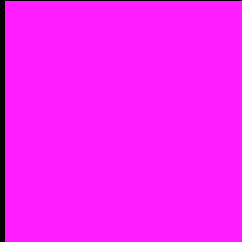
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.961, 328.155 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, 112.961, 328.155

Background



This preview shows how black text looks on a background with the CIELCh color 61, 112.961, 328.155.



This preview shows how white text looks on a background with the CIELCh color 61, 112.961, 328.155.

328.155.

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, 113.102, 328.159

Protanopia

61, 62.636, 286.020

Deuteranopia

61, 52.655, 280.095



Tritanopia
61, 58.106, 23.307

Trichromacy



Original Color
61, 113.102, 328.159



Protanomaly
56, 87.178, 307.465



Deuteranomaly
55, 80.854, 307.252



Tritanomaly
59, 71.869, 351.887

Monochromacy



Original Color
61, 113.102, 328.159



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 54.249, 326.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 112.961, 328.155 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(255, 28, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 255)  
}
```

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(255, 28, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 112.961, 328.155 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(255, 28, 255) }
```

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

```
.border{ border-color:rgb(255, 28, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 112.961, 328.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 255) }
```

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

```
.background{ background-color: rgb(255, 28,  
255) }
```

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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