

Converting Colors

CIELCh(61, 113.088, 328.159)

Have a look what the booklet for
CIELCh(61, 113.088, 328.159)
contains.

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Color

CIELCh(61, 113.102, 328.159)

Conversions

Conversions Part 1

Format	Color
Hex	FF1CFF
RGB	255, 28, 255
RGB Percent	100%, 11%, 100%
CMY	0.0007, 0.8917, 0.0006
CMYK	0.00, 0.89, 0.00, 0.00
HSL	300°, 100%, 55%
HSV	300°, 89%, 100%
XYZ	59.6066, 29.2481, 96.9771
YIQ	121.7510, 62.4250, 118.7210

Conversions

Conversions Part 2

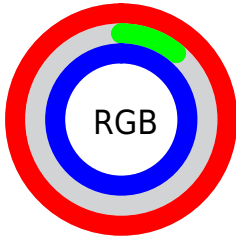
Format	Color
R _Y B	255, 28, 255
Decimal	16719103
CIE Lab	61.00, 96.08, -59.67
CIE LCh	61, 113.102, 328.159
Yxy	29.2481, 0.3208, 0.1574
Android (android.graphics.Color)	4294909183 (0xFFFF1CFF)
YUV	121.7510, 65.6918, 116.8594
Hunter-Lab	54.0815, 102.0930, -68.4596

Details

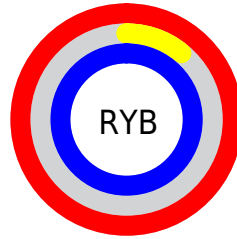
The CIELCh color **61, 113.102, 328.159** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **88, 116.787, 136.393**, and the grayscale version is **51, 0.007, 296.813**.

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, 115.374, 328.226**, and if you desaturate by 10%, it is **63, 108.108, 328.010**.

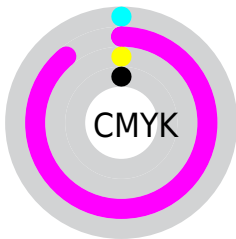
Distribution



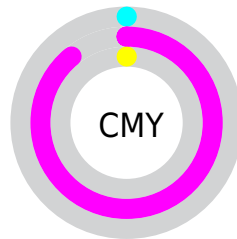
- Red (100%)
- Green (11%)
- Blue (100%)



- 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, 113.102, 328.159 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, 113.102, 328.159 by changing the saturation by 10% instead.


 61, 113.102,
328.159


 61, 113.102,
328.159


 100, 113.102,
328.159


 51, 113.102,
328.159


 81, 113.102,
328.159


 41, 113.102,
328.159


 91, 113.102,
328.159

 31, 113.102,
328.159

 21, 113.102,
328.159

 11, 113.102,
328.159

 1, 113.102,
328.159

 0, 113.102,

328.159

■ 61, 113.102,
328.159

■ 61, 113.102,
328.159

■ 60, 115.374,
328.226

■ 63, 108.108,
328.010

■ 60, 115.513,
328.230

■ 65, 100.116,
327.767

■ 68, 89.395,
327.434

■ 72, 76.480,
327.024

■ 77, 62.002,
326.551

■ 83, 46.556,
326.035

■ 88, 30.630,
325.490

■ 94, 14.592,
324.926

100, 0.088,
147.929

Harmonies

Complementary

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



61, 113.102, 328.159



88, 116.787, 136.393

Rectangle

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



61, 113.102, 328.159



61, 113.102, 18.159



61, 113.102, 148.159



61, 113.102, 198.159

Sweetspot

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



61, 113.099, 328.159



84, 43.154, 325.918



35, 126.518, 305.179



43, 29.038, 326.101



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, 113.099, 328.159



60, 115.567, 328.230



56, 83.552, 357.110



50, 9.057, 324.946



45, 93.083, 328.231



12, 42.823, 328.231

Inverse Universe

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



54, 98.017, 37.460



53, 104.573, 39.999



89, 85.473, 150.301



49, 5.254, 19.939



40, 84.227, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIELCh color 61, 113.102, 328.159 looks on a white background.

Color Contrast Check

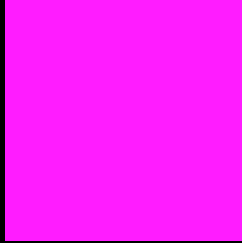
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.102, 328.159 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, 113.102, 328.159

Background



This preview shows how black text looks on a background with the CIELCh color 61, 113.102, 328.159.



This preview shows how white text looks on a background with the CIELCh color 61, 113.102, 328.159.

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, 52.695, 279.892



Tritanopia
61, 58.106, 23.307

Trichromacy



Original Color
61, 113.102, 328.159



Protanomaly
56, 87.178, 307.465



Deuteranomaly
55, 80.852, 307.059



Tritanomaly
59, 71.869, 351.887

Monochromacy



Original Color
61, 113.102, 328.159



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 54.845, 326.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 113.102, 328.159 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, 113.102, 328.159 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, 113.102, 328.159 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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