

Converting Colors

CIELCh(61, 105.720, 330.876)

Have a look what the booklet for
CIELCh(61, 105.720, 330.876)
contains.

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Color

CIELCh(61, 105.705, 330.736)

Conversions

Conversions Part 1

Format	Color
Hex	FF29F0
RGB	255, 41, 240
RGB Percent	100%, 16%, 94%
CMY	0.0000, 0.8397, 0.0570
CMYK	0.00, 0.84, 0.06, 0.00
HSL	304°, 100%, 58%
HSV	304°, 84%, 100%
XYZ	58.0053, 29.2481, 85.3829
YIQ	127.6720, 63.6650, 107.2570

Conversions

Conversions Part 2

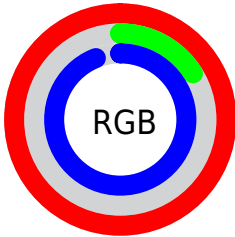
Format	Color
R _Y B	255, 41, 240
Decimal	16722416
CIE _{Lab}	61.00, 92.21, -51.67
CIE _{LCh}	61, 105.705, 330.736
Yxy	29.2481, 0.3360, 0.1694
Android (android.graphics.Color)	4294912496 (0xFFFF29F0)
YUV	127.6720, 55.3777, 111.6667
Hunter-Lab	54.0815, 96.8078, -55.7488

Details

The CIELCh color **61, 105.705, 330.736** 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, 111.236, 137.800**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 83.151, 327.238**, and **45, 89.974, 330.632** is the 20% darker color. If you saturate the color by 10%, you get **60, 108.738, 330.996**, and if you desaturate by 10%, it is **63, 99.637, 330.261**.

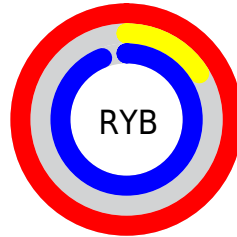
Distribution



Red (100%)

Green (16%)

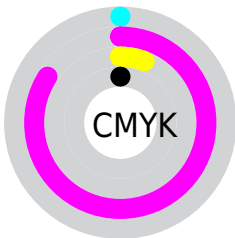
Blue (94%)



Red (100%)

Yellow (16%)

Blue (94%)

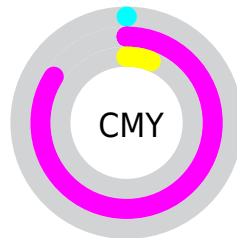


Cyan (0%)

Magenta (84%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 105.705, 330.736 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, 105.705, 330.736 by changing the saturation by 10% instead.


 61, 105.705,
330.736


 61, 105.705,
330.736


 100, 105.705,
330.736


 51, 105.705,
330.736


 81, 105.705,
330.736


 41, 105.705,
330.736


 91, 105.705,
330.736

 31, 105.705,
330.736

 21, 105.705,
330.736

 11, 105.705,
330.736

 1, 105.705,
330.736

 0, 105.705,

330.736

■ 61, 105.705,
330.736

■ 61, 105.705,
330.736

■ 60, 108.738,
330.996

■ 63, 99.637,
330.261

■ 59, 109.456,
331.195

■ 66, 90.685,
329.826

■ 70, 79.294,
329.343

■ 75, 66.085,
328.818

■ 80, 51.679,
328.264

■ 85, 36.612,
327.690

91, 21.294,
327.106

97, 6.017, 326.493

100, 0.012,
296.813

Harmonies

Complementary

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



61, 105.705, 330.736



88, 111.236, 137.800

Rectangle

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



61, 105.705, 330.736



61, 105.705, 20.736



61, 105.705, 150.736



61, 105.705, 200.736

Sweetspot

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



61, 105.691, 330.649



85, 38.183, 327.750



37, 122.101, 305.222



43, 26.028, 327.952



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, 105.691, 330.649



59, 109.456, 331.195



57, 80.426, 2.284



50, 8.647, 326.841



45, 88.242, 331.141



12, 40.858, 330.768

Inverse Universe

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



61, 105.691, 330.649



59, 109.456, 331.195



89, 75.614, 155.894



50, 8.647, 326.841



45, 88.242, 331.141



12, 40.858, 330.768

Previews

White Background



This preview shows how the CIE LCh color 61, 105.705, 330.736 looks on a white background.

Color Contrast Check

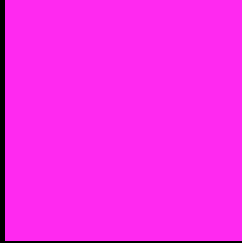
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.705, 330.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

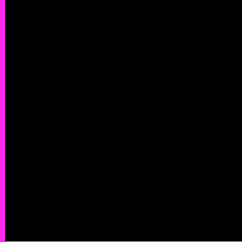
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 105.705, 330.736

Background



This preview shows how black text looks on a background with the CIELCh color 61, 105.705, 330.736.



This preview shows how white text looks on a background with the CIELCh color 61, 105.705, 330.736.

330.736.

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, 105.505, 330.734

Protanopia

61, 62.636, 286.020

Deuteranopia

61, 45.671, 281.113



Tritanopia
61, 59.858, 23.738

Trichromacy



Original Color
61, 105.505, 330.734



Protanomaly
56, 81.669, 306.909



Deuteranomaly
56, 71.849, 309.628



Tritanomaly
60, 69.602, 355.134

Monochromacy



Original Color
61, 105.505, 330.734



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 49.532, 328.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 105.705, 330.736 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, 41, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 240)  
}
```

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, 41, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 105.705, 330.736 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, 41, 240) }
```

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

```
.border{ border-color:rgb(255, 41, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 105.705, 330.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 240) }
```

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

```
.background{ background-color: rgb(255, 41,  
240) }
```

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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