

Converting Colors

CIELCh(60, 111.433, 330.170)

Have a look what the booklet for
CIELCh(60, 111.433, 330.170)
contains.

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Color

CIELCh(60, 111.320, 330.057)

Conversions

Conversions Part 1

Format	Color
Hex	FF08F5
RGB	255, 8, 245
RGB Percent	100%, 3%, 96%
CMY	0.0000, 0.9680, 0.0408
CMYK	0.00, 0.97, 0.04, 0.00
HSL	303°, 100%, 52%
HSV	303°, 97%, 100%
XYZ	57.9792, 28.1233, 88.4290
YIQ	108.8710, 71.1350, 126.0710

Conversions

Conversions Part 2

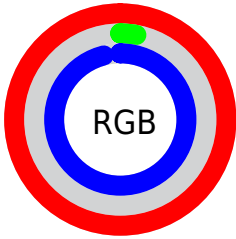
Format	Color
R _Y B	255, 8, 245
Decimal	16713973
CIE _{Lab}	60.00, 96.46, -55.56
CIE _{LCh}	60, 111.320, 330.057
Y _{xy}	28.1233, 0.3322, 0.1611
Android (android.graphics.Color)	4294904053 (0xFFFF08F5)
YUV	108.8710, 67.1116, 128.1551
Hunter-Lab	53.0314, 102.3486, -61.7431

Details

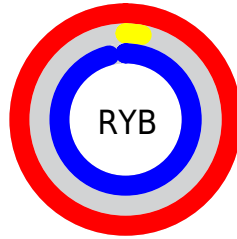
The CIELCh color **60, 111.320, 330.057** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **88, 118.358, 136.366**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.557, 327.408**, and **46, 91.830, 329.292** is the 20% darker color. If you saturate the color by 10%, you get **60, 111.736, 330.019**, and if you desaturate by 10%, it is **61, 108.868, 329.717**.

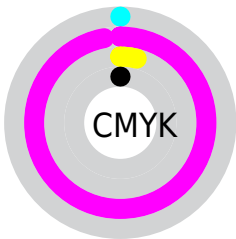
Distribution



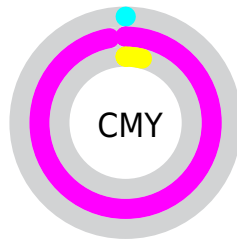
- Red (100%)
- Green (3%)
- Blue (96%)



- Red (100%)
- Yellow (3%)
- Blue (96%)



- Cyan (0%)
- Magenta (97%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 111.320, 330.057 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 60, 111.320, 330.057 by changing the saturation by 10% instead.


 60, 111.320,
330.057


 60, 111.320,
330.057


 100, 111.320,
330.057


 50, 111.320,
330.057


 80, 111.320,
330.057


 40, 111.320,
330.057

 90, 111.320,
330.057

 30, 111.320,
330.057

 20, 111.320,
330.057

 10, 111.320,
330.057

 0, 111.320,
330.057

■ 60, 111.320,
330.057

■ 60, 111.320,
330.057

■ 60, 111.736,
330.019

■ 61, 108.868,
329.717

■ 63, 103.485,
329.425

■ 65, 95.129,
329.067

■ 69, 84.168,
328.645

■ 73, 71.189,
328.166

■ 78, 56.824,
327.645

■ 84, 41.642,
327.093

■ 90, 26.095,

326.525

96, 10.512,
325.941

Harmonies

Complementary

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



60, 111.320, 330.057



88, 118.358, 136.366

Rectangle

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



60, 111.320, 330.057



60, 111.320, 20.057



60, 111.320, 150.057



60, 111.320, 200.057

Sweetspot

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



60, 111.318, 329.951



83, 45.024, 327.216



33, 132.282, 306.170



42, 30.820, 327.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 111.318, 329.951



60, 111.736, 330.019



55, 83.976, 4.744



50, 8.801, 326.102



45, 90.049, 329.987



12, 41.593, 329.768

Inverse Universe

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



60, 111.318, 329.951



60, 111.736, 330.019



89, 85.252, 151.119



50, 8.801, 326.102



45, 90.049, 329.987



12, 41.593, 329.768

Previews

White Background



This preview shows how the CIELCh color 60, 111.320, 330.057 looks on a white background.

Color Contrast Check

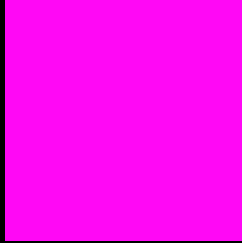
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 111.320, 330.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

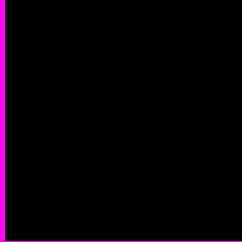
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 111.320, 330.057

Background



This preview shows how black text looks on a background with the CIELCh color 60, 111.320, 330.057.



This preview shows how white text looks on a background with the CIELCh color 60, 111.320, 330.057.

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

60, 111.474, 329.879

Protanopia

61, 63.912, 286.035

Deuteranopia

60, 48.762, 280.453



Tritanopia
60, 61.506, 24.721

Trichromacy



Original Color
60, 111.474, 329.879



Protanomaly
53, 90.301, 308.411



Deuteranomaly
53, 81.004, 309.831



Tritanomaly
57, 74.332, 353.991

Monochromacy



Original Color
60, 111.474, 329.879



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 57.344, 328.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 111.320, 330.057 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, 8, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 245)  
}
```

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, 8, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 111.320, 330.057 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, 8, 245) }
```

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

```
.border{ border-color:rgb(255, 8, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 8, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 8,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 111.320, 330.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 245) }
```

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

```
.background{ background-color: rgb(255, 8,  
245) }
```

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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