

Converting Colors

CIELCh(60, 111.377, 329.900)

Have a look what the booklet for
CIELCh(60, 111.377, 329.900)
contains.

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Color

CIELCh(60, 111.342, 329.877)

Conversions

Conversions Part 1

Format	Color
Hex	FF0BF5
RGB	255, 11, 245
RGB Percent	100%, 4%, 96%
CMY	0.0000, 0.9577, 0.0387
CMYK	0.00, 0.96, 0.04, 0.00
HSL	302°, 100%, 52%
HSV	302°, 96%, 100%
XYZ	57.9152, 28.1233, 88.8759
YIQ	110.6320, 70.3100, 124.5020

Conversions

Conversions Part 2

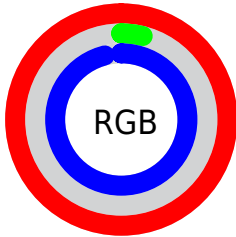
Format	Color
R _Y B	255, 11, 245
Decimal	16714741
CIE Lab	60.00, 96.31, -55.88
CIE LCh	60, 111.342, 329.877
Yxy	28.1233, 0.3311, 0.1608
Android (android.graphics.Color)	4294904821 (0xFFFF0BF5)
YUV	110.6320, 66.2434, 126.6107
Hunter-Lab	53.0314, 102.1333, -62.2427

Details

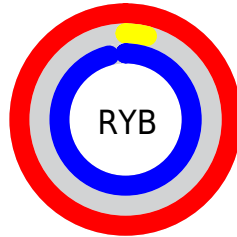
The CIELCh color **60, 111.342, 329.877** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **88, 118.110, 136.407**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **46, 91.830, 329.292** is the 20% darker color. If you saturate the color by 10%, you get **60, 111.899, 329.939**, and if you desaturate by 10%, it is **61, 108.594, 329.619**.

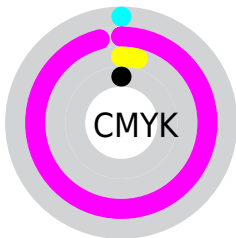
Distribution



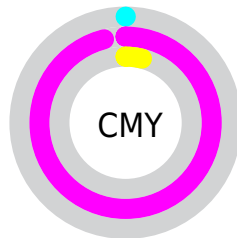
- Red (100%)
- Green (4%)
- Blue (96%)



- Red (100%)
- Yellow (4%)
- Blue (96%)



- Cyan (0%)
- Magenta (96%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (96%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 111.342, 329.877 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, 111.342, 329.877 by changing the saturation by 10% instead.


 60, 111.342,
329.877


 60, 111.342,
329.877


 100, 111.342,
329.877


 50, 111.342,
329.877


 80, 111.342,
329.877


 40, 111.342,
329.877

 90, 111.342,
329.877

 30, 111.342,
329.877

 20, 111.342,
329.877

 10, 111.342,
329.877

 0, 111.342,
329.877

■ 60, 111.342,
329.877

■ 60, 111.342,
329.877

■ 60, 111.899,
329.939

■ 61, 108.594,
329.619

■ 63, 102.883,
329.326

■ 66, 94.222,
328.966

■ 69, 83.009,
328.540

■ 74, 69.841,
328.059

■ 79, 55.350,
327.535

■ 84, 40.093,
326.983

■ 90, 24.510,

326.414

 96, 8.919, 325.826

Harmonies

Complementary

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



60, 111.342, 329.877



88, 118.110, 136.407

Rectangle

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



60, 111.342, 329.877



60, 111.342, 19.877



60, 111.342, 149.877



60, 111.342, 199.877

Sweetspot

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



60, 111.339, 329.852



83, 45.080, 327.164



33, 131.826, 306.117



42, 30.858, 327.399



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, 111.339, 329.852



60, 111.899, 329.939



55, 83.847, 4.266



50, 8.812, 326.051



45, 90.178, 329.908



12, 41.645, 329.699

Inverse Universe

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



60, 111.339, 329.852



60, 111.899, 329.939



89, 84.742, 151.362



50, 8.812, 326.051



45, 90.178, 329.908



12, 41.645, 329.699

Previews

White Background



This preview shows how the CIE LCh color 60, 111.342, 329.877 looks on a white background.

Color Contrast Check

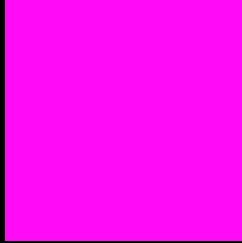
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.342, 329.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

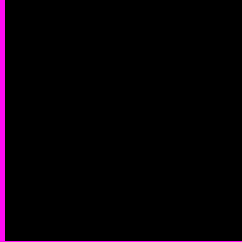
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 111.342, 329.877

Background



This preview shows how black text looks on a background with the CIELCh color 60, 111.342, 329.877.



This preview shows how white text looks on a background with the CIELCh color 60, 111.342, 329.877.

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, 111.275, 329.876

Protanopia

61, 63.912, 286.035

Deuteranopia

60, 48.762, 280.453



Tritanopia
60, 61.032, 24.583

Trichromacy



Original Color
60, 111.275, 329.876



Protanomaly
53, 89.738, 308.275



Deuteranomaly
53, 80.935, 309.616



Tritanomaly
58, 73.837, 353.787

Monochromacy



Original Color
60, 111.275, 329.876



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 56.629, 328.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 111.342, 329.877 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, 11, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 11, 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, 11, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 11, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 111.342, 329.877 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, 11, 245) }
```

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

```
.border{ border-color:rgb(255, 11, 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, 11, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 11, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 11, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 11,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 111.342, 329.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 11, 245) }
```

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

```
.background{ background-color: rgb(255, 11,  
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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