

Converting Colors

CIELCh(60, 114.809, 328.220)

Have a look what the booklet for
CIELCh(60, 114.809, 328.220)
contains.

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Color

CIELCh(60, 114.681, 328.227)

Conversions

Conversions Part 1

Format	Color
Hex	FD04FD
RGB	253, 4, 253
RGB Percent	99%, 2%, 99%
CMY	0.0069, 0.9835, 0.0070
CMYK	0.00, 0.98, 0.00, 0.01
HSL	300°, 99%, 50%
HSV	300°, 98%, 99%
XYZ	58.4042, 28.1233, 95.4629
YIQ	106.8370, 68.4750, 130.2270

Conversions

Conversions Part 2

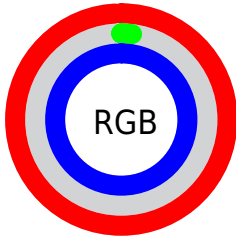
Format	Color
RYB	253, 4, 253
Decimal	16581885
CIELab	60.00, 97.50, -60.39
CIELCh	60, 114.681, 328.227
Yxy	28.1233, 0.3209, 0.1545
Android (android.graphics.Color)	4294771965 (0xFFFD04FD)
YUV	106.8370, 72.0584, 128.1850
Hunter-Lab	53.0314, 103.7793, -69.6070

Details

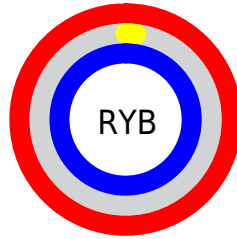
The CIELCh color **60, 114.681, 328.227** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 118.809, 136.061**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.557, 327.408**, and **46, 94.526, 327.420** is the 20% darker color. If you saturate the color by 10%, you get **60, 114.955, 328.235**, and if you desaturate by 10%, it is **61, 112.245, 328.154**.

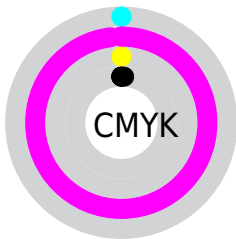
Distribution



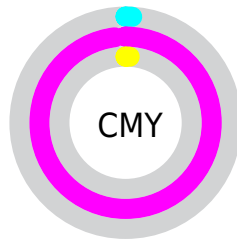
- Red (99%)
- Green (2%)
- Blue (99%)



- Red (99%)
- Yellow (2%)
- Blue (99%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (98%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 114.681, 328.227 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, 114.681, 328.227 by changing the saturation by 10% instead.


 60, 114.681,
328.227


 60, 114.681,
328.227


 100, 114.681,
328.227


 50, 114.681,
328.227


 80, 114.681,
328.227


 40, 114.681,
328.227

 90, 114.681,
328.227

 30, 114.681,
328.227

 20, 114.681,
328.227

 10, 114.681,
328.227

 0, 114.681,
328.227

■ 60, 114.681,
328.227

■ 60, 114.681,
328.227

■ 60, 114.955,
328.235

■ 61, 112.245,
328.154

■ 62, 107.024,
327.997

■ 65, 98.827,
327.746

■ 68, 87.953,
327.406

■ 72, 74.949,
326.990

■ 77, 60.443,
326.513

■ 83, 45.020,
325.993

■ 88, 29.154,

325.447

94, 13.201,
324.881

Harmonies

Complementary

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



60, 114.681, 328.227



87, 118.809, 136.061

Rectangle

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



60, 114.681, 328.227



60, 114.681, 18.227



60, 114.681, 148.227



60, 114.681, 198.227

Sweetspot

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



60, 114.678, 328.227



82, 47.890, 326.082



32, 132.390, 306.186



41, 32.583, 326.303



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, 114.678, 328.227



60, 115.561, 328.235



55, 84.014, 2.220



50, 9.056, 324.949



45, 93.078, 328.235



12, 42.820, 328.235

Inverse Universe

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



60, 114.678, 328.227



60, 115.561, 328.235



88, 88.612, 149.034



50, 9.056, 324.949



45, 93.078, 328.235



12, 42.820, 328.235

Previews

White Background



This preview shows how the CIE LCh color 60, 114.681, 328.227 looks on a white background.

Color Contrast Check

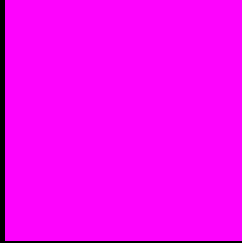
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 114.681, 328.227 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, 114.681, 328.227

Background



This preview shows how black text looks on a background with the CIELCh color 60, 114.681, 328.227.



This preview shows how white text looks on a background with the CIELCh color 60, 114.681, 328.227.

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, 114.616, 328.225

Protanopia

61, 63.886, 286.193

Deuteranopia

61, 52.835, 279.857



Tritanopia
60, 58.716, 23.570

Trichromacy



Original Color
60, 114.616, 328.225



Protanomaly
53, 92.376, 308.401



Deuteranomaly
53, 86.195, 308.101



Tritanomaly
57, 74.601, 351.219

Monochromacy



Original Color
60, 114.616, 328.225



Achromatopsia
45, 0.006, 296.813



Achromatomaly
45, 59.089, 327.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 114.681, 328.227 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(253, 4, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 4, 253)  
}
```

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(253, 4, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 4, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 114.681, 328.227 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(253, 4, 253) }
```

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

```
.border{ border-color:rgb(253, 4, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 4, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 4, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 4, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 4,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 114.681, 328.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 4, 253) }
```

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

```
.background{ background-color: rgb(253, 4,  
253) }
```

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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