

Converting Colors

CIELCh(60, 113.964, 328.233)

Have a look what the booklet for
CIELCh(60, 113.964, 328.233)
contains.

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Color

CIELCh(60, 114.154, 328.211)

Conversions

Conversions Part 1

Format	Color
Hex	FD0AFD
RGB	253, 10, 253
RGB Percent	99%, 4%, 99%
CMY	0.0088, 0.9616, 0.0088
CMYK	0.00, 0.96, 0.00, 0.01
HSL	300°, 98%, 51%
HSV	300°, 96%, 99%
XYZ	58.2128, 28.1233, 95.0887
YIQ	110.3590, 66.8250, 127.0890

Conversions

Conversions Part 2

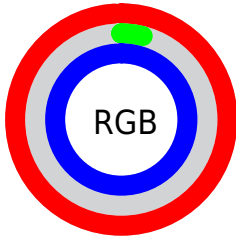
Format	Color
R _Y B	253, 10, 253
Decimal	16583421
CIE Lab	60.00, 97.03, -60.14
CIE LCh	60, 114.154, 328.211
Yxy	28.1233, 0.3209, 0.1550
Android (android.graphics.Color)	4294773501 (0xFFFD0AFD)
YUV	110.3590, 70.3220, 125.0962
Hunter-Lab	53.0314, 103.1352, -69.1887

Details

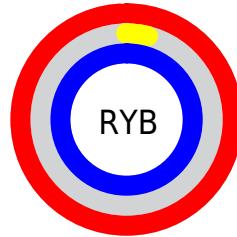
The CIELCh color **60, 114.154, 328.211** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 118.188, 136.120**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **46, 94.526, 327.420** is the 20% darker color. If you saturate the color by 10%, you get **60, 114.797, 328.230**, and if you desaturate by 10%, it is **61, 111.188, 328.123**.

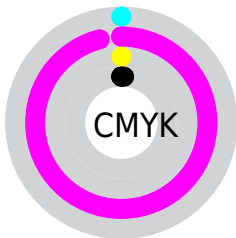
Distribution



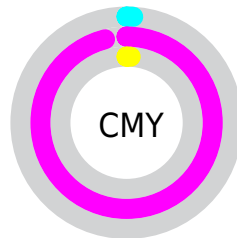
- Red (99%)
- Green (4%)
- Blue (99%)



- Red (99%)
- Yellow (4%)
- Blue (99%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (96%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 114.154, 328.211 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, 114.154, 328.211 by changing the saturation by 10% instead.


 60, 114.154,
328.211


 60, 114.154,
328.211


 100, 114.154,
328.211


 50, 114.154,
328.211


 80, 114.154,
328.211


 40, 114.154,
328.211

 90, 114.154,
328.211

 30, 114.154,
328.211

 20, 114.154,
328.211

 10, 114.154,
328.211

 0, 114.154,
328.211

60, 114.154,
328.211

60, 114.154,
328.211

60, 114.797,
328.230

61, 111.188,
328.123

63, 105.307,
327.945

65, 96.489,
327.674

69, 85.105,
327.316

73, 71.733,
326.885

78, 56.998,
326.397

84, 41.463,
325.870

89, 25.575,

325.320

 95, 9.663, 324.747

Harmonies

Complementary

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



60, 114.154, 328.211



87, 118.188, 136.120

Rectangle

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



60, 114.154, 328.211



60, 114.154, 18.211



60, 114.154, 148.211



60, 114.154, 198.211

Sweetspot

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



60, 114.151, 328.211



83, 46.317, 326.026



33, 130.570, 305.910



42, 31.702, 326.250



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, 114.151, 328.211



60, 115.567, 328.230



55, 83.982, 359.728



50, 9.057, 324.945



45, 93.083, 328.230



12, 42.823, 328.231

Inverse Universe

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



53, 101.931, 39.223



53, 104.573, 39.999



88, 88.826, 148.722



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 60, 114.154, 328.211 looks on a white background.

Color Contrast Check

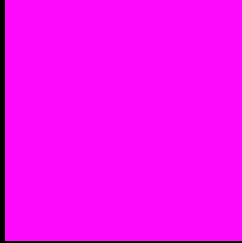
Large Text (above 18pt) WCAG AA ✓ Pass

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, 114.154, 328.211 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, 114.154, 328.211

Background



This preview shows how black text looks on a background with the CIELCh color 60, 114.154, 328.211.



This preview shows how white text looks on a background with the CIELCh color 60, 114.154, 328.211.

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, 114.221, 328.213

Protanopia

61, 63.912, 286.035

Deuteranopia

61, 52.835, 279.857



Tritanopia
60, 58.716, 23.570

Trichromacy



Original Color
60, 114.221, 328.213



Protanomaly
54, 91.271, 307.973



Deuteranomaly
53, 84.526, 307.855



Tritanomaly
58, 73.741, 351.801

Monochromacy



Original Color
60, 114.221, 328.213



Achromatopsia
46, 0.006, 296.813



Achromatomaly
46, 57.942, 327.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 114.154, 328.211 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, 10, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 10, 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, 10, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 10, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 114.154, 328.211 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, 10, 253) }
```

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

```
.border{ border-color:rgb(253, 10, 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, 10, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 10, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 10, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 10,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 114.154, 328.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 10, 253) }
```

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

```
.background{ background-color: rgb(253, 10,  
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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