

Converting Colors

CIELCh(57, 110.297, 328.062)

Have a look what the booklet for
CIELCh(57, 110.297, 328.062)
contains.

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Color

CIELCh(57, 110.392, 328.054)

Conversions

Conversions Part 1

Format	Color
Hex	F004F1
RGB	240, 4, 241
RGB Percent	94%, 2%, 95%
CMY	0.0596, 0.9836, 0.0556
CMYK	0.00, 0.98, 0.00, 0.06
HSL	300°, 97%, 48%
HSV	300°, 98%, 94%
XYZ	51.7673, 24.9227, 85.1634
YIQ	101.5820, 64.5790, 123.7390

Conversions

Conversions Part 2

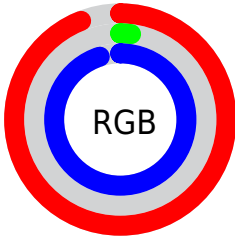
Format	Color
R_{YB}	240, 4, 241
Decimal	15729905
CIE _{Lab}	57.00, 93.67, -58.41
CIE _{LCh}	57, 110.392, 328.054
Yxy	24.9227, 0.3198, 0.1540
Android (android.graphics.Color)	4293919985 (0xFFFF004F1)
YUV	101.5820, 68.7331, 121.3926
Hunter-Lab	49.9226, 97.7313, -66.1974

Details

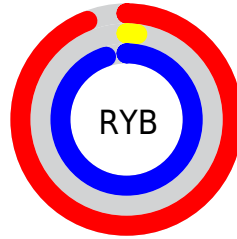
The CIELCh color **57, 110.392, 328.054** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **83, 114.318, 136.053**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **43, 90.556, 327.162** is the 20% darker color. If you saturate the color by 10%, you get **57, 110.688, 328.061**, and if you desaturate by 10%, it is **58, 107.951, 327.992**.

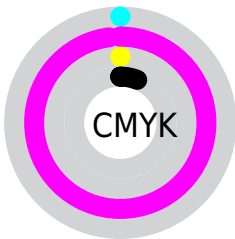
Distribution



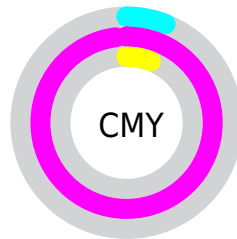
- Red (94%)
- Green (2%)
- Blue (95%)



- Red (94%)
- Yellow (2%)
- Blue (95%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (98%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 110.392, 328.054 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 57, 110.392, 328.054 by changing the saturation by 10% instead.


 57, 110.392,
328.054


 57, 110.392,
328.054


 100, 110.392,
328.054


 47, 110.392,
328.054


 77, 110.392,
328.054


 37, 110.392,
328.054


 87, 110.392,
328.054

 27, 110.392,
328.054

 97, 110.392,
328.054

 17, 110.392,
328.054

 7, 110.392,
328.054

 0, 110.392,
328.054

■ 57, 110.392,
328.054

■ 57, 110.392,
328.054

■ 57, 110.688,
328.061

■ 58, 107.951,
327.992

■ 59, 102.833,
327.843

■ 62, 94.868,
327.599

■ 65, 84.353,
327.263

■ 69, 71.821,
326.851

■ 74, 57.873,
326.378

■ 79, 43.062,
325.862

■ 84, 27.840,

325.320

■ 90, 12.543,
324.758

Harmonies

Complementary

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



57, 110.392, 328.054



83, 114.318, 136.053

Rectangle

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



57, 110.392, 328.054



57, 110.392, 18.054



57, 110.392, 148.054



57, 110.392, 198.054

Sweetspot

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



57, 110.389, 328.054



83, 46.265, 325.906



31, 126.716, 306.034



42, 31.668, 326.129



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 110.389, 328.054



60, 115.587, 328.060



52, 81.119, 0.488



47, 8.597, 324.828



43, 90.312, 328.064



10, 39.424, 328.087

Inverse Universe

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



50, 99.063, 39.499



53, 104.403, 39.881



84, 86.602, 148.293



47, 4.992, 19.593



38, 81.505, 39.820



8, 29.813, 23.636

Previews

White Background



This preview shows how the CIELCh color 57, 110.392, 328.054 looks on a white background.

Color Contrast Check

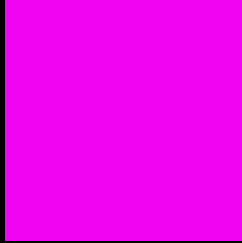
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 110.392, 328.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

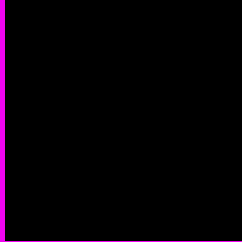
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 110.392, 328.054

Background



This preview shows how black text looks on a background with the CIELCh color 57, 110.392, 328.054.



This preview shows how white text looks on a background with the CIELCh color 57, 110.392, 328.054.

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

57, 110.463, 328.056

Protanopia

58, 68.970, 286.756

Deuteranopia

57, 51.064, 279.833



Tritanopia
57, 55.889, 23.731

Trichromacy



Original Color
57, 110.463, 328.056



Protanomaly
50, 93.457, 306.622



Deuteranomaly
50, 82.445, 308.054



Tritanomaly
55, 71.381, 350.981

Monochromacy



Original Color
57, 110.463, 328.056



Achromatopsia
43, 0.006, 296.813



Achromatomaly
43, 56.982, 327.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 110.392, 328.054 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(240, 4, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 4, 241)  
}
```

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(240, 4, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 4, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 110.392, 328.054 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(240, 4, 241) }
```

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

```
.border{ border-color:rgb(240, 4, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 4, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 4, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 4, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 4,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 110.392, 328.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 4, 241) }
```

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

```
.background{ background-color: rgb(240, 4,  
241) }
```

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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