

Converting Colors

CIELCh(57, 107.172, 330.179)

Have a look what the booklet for
CIELCh(57, 107.172, 330.179)
contains.

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Color

CIELCh(57, 107.261, 330.148)

Conversions

Conversions Part 1

Format	Color
Hex	F303E8
RGB	243, 3, 232
RGB Percent	95%, 1%, 91%
CMY	0.0473, 0.9893, 0.0904
CMYK	0.00, 0.99, 0.05, 0.05
HSL	303°, 98%, 48%
HSV	303°, 99%, 95%
XYZ	51.5228, 24.9227, 78.3908
YIQ	100.8660, 69.5310, 122.0990

Conversions

Conversions Part 2

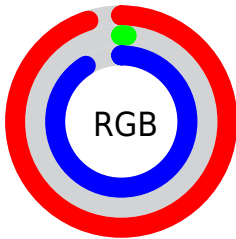
Format	Color
R_{YB}	243, 3, 232
Decimal	15926248
CIE _{Lab}	57.00, 93.03, -53.39
CIE _{LCh}	57, 107.261, 330.148
Yxy	24.9227, 0.3328, 0.1610
Android (android.graphics.Color)	4294116328 (0xFFFF303E8)
YUV	100.8660, 64.6491, 124.6515
Hunter-Lab	49.9226, 96.8571, -58.1541

Details

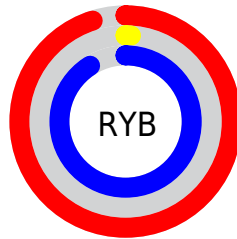
The CIELCh color **57, 107.261, 330.148** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **84, 114.472, 136.317**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **43, 87.427, 329.585** is the 20% darker color. If you saturate the color by 10%, you get **57, 107.408, 330.174**, and if you desaturate by 10%, it is **58, 105.305, 329.907**.

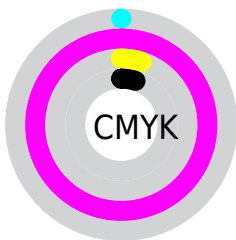
Distribution



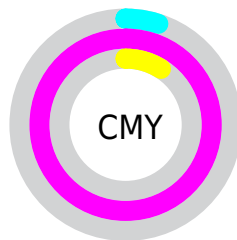
- Red (95%)
- Green (1%)
- Blue (91%)



- Red (95%)
- Yellow (1%)
- Blue (91%)



- Cyan (0%)
- Magenta (99%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (99%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 107.261, 330.148 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, 107.261, 330.148 by changing the saturation by 10% instead.

 57, 107.261,
330.148


 57, 107.261,
330.148

 100, 107.261,
330.148

 47, 107.261,
330.148


 77, 107.261,
330.148


 37, 107.261,
330.148


 87, 107.261,
330.148

 27, 107.261,
330.148

 97, 107.261,
330.148

 17, 107.261,
330.148

 7, 107.261,
330.148

 0, 107.261,
330.148

■ 57, 107.261,
330.148

■ 57, 107.261,
330.148

■ 57, 107.408,
330.174

■ 58, 105.305,
329.907

■ 59, 100.697,
329.616

■ 62, 93.210,
329.263

■ 65, 83.138,
328.847

■ 69, 71.016,
328.375

■ 74, 57.452,
327.858

■ 79, 43.007,
327.310

■ 85, 28.136,

326.744

■ 90, 13.177,
326.165

Harmonies

Complementary

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



57, 107.261, 330.148



84, 114.472, 136.317

Rectangle

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



57, 107.261, 330.148



57, 107.261, 20.148



57, 107.261, 150.148



57, 107.261, 200.148

Sweetspot

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



57, 107.258, 330.148



82, 46.444, 327.377



31, 128.346, 306.285



41, 31.601, 327.610



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, 107.258, 330.148



60, 111.415, 330.179



52, 81.214, 5.572



48, 8.490, 326.201



44, 88.012, 330.140



11, 39.317, 329.877

Inverse Universe

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



57, 107.258, 330.148



60, 111.415, 330.179



85, 83.053, 150.704



48, 8.490, 326.201



44, 88.012, 330.140



11, 39.317, 329.877

Previews

White Background



This preview shows how the CIELCh color 57, 107.261, 330.148 looks on a white background.

Color Contrast Check

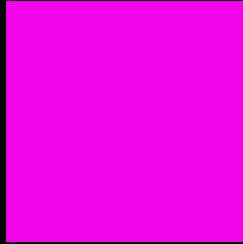
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.261, 330.148 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, 107.261, 330.148

Background



This preview shows how black text looks on a background with the CIELCh color 57, 107.261, 330.148.



This preview shows how white text looks on a background with the CIELCh color 57, 107.261, 330.148.

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, 107.261, 330.148

Protanopia

58, 68.948, 286.874

Deuteranopia

58, 46.330, 280.324



Tritanopia
57, 59.435, 24.621

Trichromacy



Original Color

57, 107.261, 330.148



Protanomaly

50, 92.442, 307.151



Deuteranomaly

50, 78.313, 310.383



Tritanomaly

55, 72.201, 354.183

Monochromacy



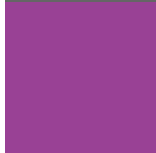
Original Color

57, 107.261, 330.148



Achromatopsia

43, 0.006, 296.813



Achromatomaly

42, 56.346, 328.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 107.261, 330.148 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(243, 3, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 3, 232)  
}
```

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(243, 3, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 3, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 107.261, 330.148 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(243, 3, 232) }
```

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

```
.border{ border-color:rgb(243, 3, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 3, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 3, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 3, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 3,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 107.261, 330.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 3, 232) }
```

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

```
.background{ background-color: rgb(243, 3,  
232) }
```

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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