

Converting Colors

CIELCh(57, 106.281, 324.245)

Have a look what the booklet for
CIELCh(57, 106.281, 324.245)
contains.

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Color

CIELCh(57, 106.104, 324.246)

Conversions

Conversions Part 1

Format	Color
Hex	E131F7
RGB	225, 49, 247
RGB Percent	88%, 19%, 97%
CMY	0.1176, 0.8078, 0.0313
CMYK	0.09, 0.80, 0.00, 0.03
HSL	293°, 93%, 58%
HSV	293°, 80%, 97%
XYZ	48.9427, 24.9227, 90.2336
YIQ	124.1960, 41.3380, 98.8900

Conversions

Conversions Part 2

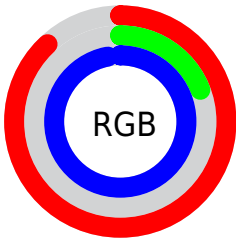
Format	Color
R _Y B	225, 49, 247
Decimal	14758391
CIE _{Lab}	57.00, 86.11, -62.00
CIE _{LCh}	57, 106.104, 324.246
Yxy	24.9227, 0.2983, 0.1519
Android (android.graphics.Color)	4292948471 (0xFFE131F7)
YUV	124.1960, 60.5424, 88.4051
Hunter-Lab	49.9226, 87.6319, -72.2190

Details

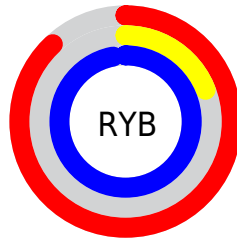
The CIELCh color **57, 106.104, 324.246** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **86, 107.070, 135.766**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 83.151, 327.238**, and **41, 93.562, 323.165** is the 20% darker color. If you saturate the color by 10%, you get **55, 111.268, 324.130**, and if you desaturate by 10%, it is **60, 97.951, 324.195**.

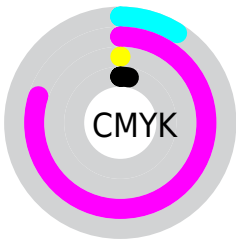
Distribution



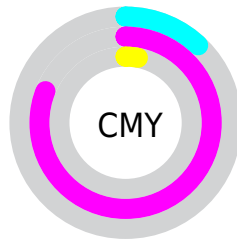
- Red (88%)
- Green (19%)
- Blue (97%)



- Red (88%)
- Yellow (19%)
- Blue (97%)



- Cyan (9%)
- Magenta (80%)
- Yellow (0%)
- Black (3%)





- Cyan (12%)
- Magenta (81%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 106.104, 324.246 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, 106.104, 324.246 by changing the saturation by 10% instead.


 57, 106.104,
324.246


 57, 106.104,
324.246


 100, 106.104,
324.246


 47, 106.104,
324.246


 77, 106.104,
324.246


 37, 106.104,
324.246


 87, 106.104,
324.246

 27, 106.104,
324.246

 97, 106.104,
324.246

 17, 106.104,
324.246

 7, 106.104,
324.246

 0, 106.104,
324.246

■ 57, 106.104,
324.246

■ 57, 106.104,
324.246

■ 55, 111.268,
324.130

■ 60, 97.951,
324.195

■ 54, 113.720,
323.862

■ 64, 87.205,
323.998

■ 68, 74.480,
323.687

■ 73, 60.421,
323.294

■ 79, 45.594,
322.846

■ 85, 30.432,
322.368

■ 91, 15.245,
321.873

■ 97, 0.238, 320.270

Harmonies

Complementary

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



57, 106.104, 324.246



86, 107.070, 135.766

Rectangle

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



57, 106.104, 324.246



57, 106.104, 14.246



57, 106.104, 144.246



57, 106.104, 194.246

Sweetspot

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



57, 106.102, 324.246



85, 37.230, 322.556



41, 102.887, 300.697



43, 25.586, 322.727



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, 106.102, 324.246



56, 115.697, 323.976



57, 82.349, 347.030



48, 8.467, 321.839



41, 91.943, 323.935



9, 40.820, 324.489

Inverse Universe

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



54, 81.725, 27.088



54, 96.885, 34.526



86, 85.147, 147.764



48, 5.125, 10.993



39, 77.777, 35.284



8, 30.382, 20.503

Previews

White Background



This preview shows how the CIE LCh color 57, 106.104, 324.246 looks on a white background.

Color Contrast Check

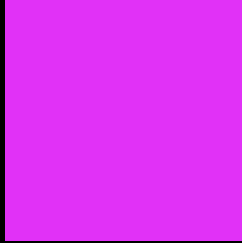
Large Text (above 18pt) WCAG AA ✓ Pass

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, 106.104, 324.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

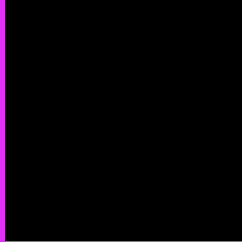
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 106.104, 324.246

Background



This preview shows how black text looks on a background with the CIELCh color 57, 106.104, 324.246.

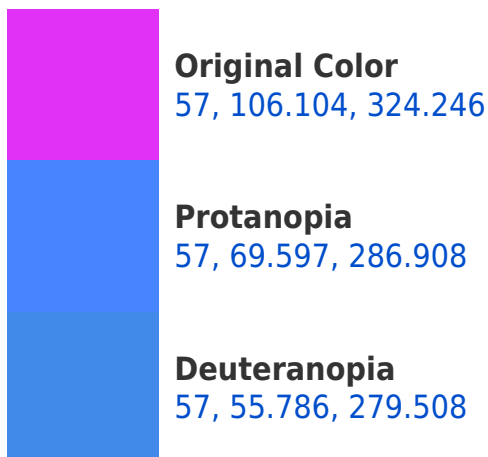


This preview shows how white text looks on a background with the CIELCh color 57, 106.104, 324.246.

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





Tritanopia
57, 43.924, 20.080

Trichromacy



Original Color
57, 106.104, 324.246



Protanomaly
53, 85.880, 303.070



Deuteranomaly
53, 76.534, 301.877



Tritanomaly
55, 60.476, 345.210

Monochromacy



Original Color
57, 106.104, 324.246



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 47.028, 323.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 106.104, 324.246 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(225, 49, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 49, 247)  
}
```

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(225, 49, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 49, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 106.104, 324.246 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(225, 49, 247) }
```

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

```
.border{ border-color:rgb(225, 49, 247) }
```

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

Here you see how a box with a 4 pixel rgb(225, 49, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 49, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 49, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 49,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 106.104, 324.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 49, 247) }
```

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

```
.background{ background-color: rgb(225, 49,  
247) }
```

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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