

Converting Colors

CIELCh(57, 108.150, 328.166)

Have a look what the booklet for
CIELCh(57, 108.150, 328.166)
contains.

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Color

CIELCh(57, 108.032, 328.181)

Conversions

Conversions Part 1

Format	Color
Hex	EE15EE
RGB	238, 21, 238
RGB Percent	93%, 8%, 93%
CMY	0.0658, 0.9190, 0.0659
CMYK	0.00, 0.91, 0.00, 0.07
HSL	300°, 87%, 51%
HSV	300°, 91%, 93%
XYZ	51.0571, 24.9227, 83.1659
YIQ	110.6210, 59.6750, 113.4910

Conversions

Conversions Part 2

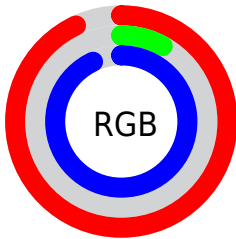
Format	Color
R _Y B	238, 21, 238
Decimal	15603182
CIE Lab	57.00, 91.80, -56.96
CIE LCh	57, 108.032, 328.181
Yxy	24.9227, 0.3208, 0.1566
Android (android.graphics.Color)	4293793262 (0xFFEE15EE)
YUV	110.6210, 62.7978, 111.7114
Hunter-Lab	49.9226, 95.1917, -63.8252

Details

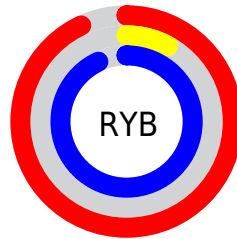
The CIELCh color **57, 108.032, 328.181** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **83, 111.654, 136.303**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.557, 327.408**, and **42, 89.433, 327.362** is the 20% darker color. If you saturate the color by 10%, you get **56, 109.758, 328.235**, and if you desaturate by 10%, it is **58, 103.827, 328.049**.

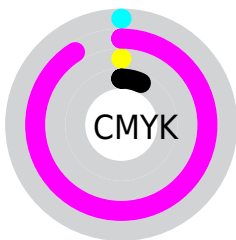
Distribution



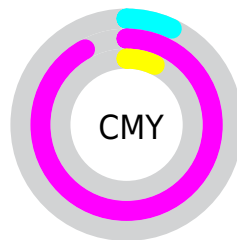
- Red (93%)
- Green (8%)
- Blue (93%)



- Red (93%)
- Yellow (8%)
- Blue (93%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (92%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 108.032, 328.181 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, 108.032, 328.181 by changing the saturation by 10% instead.


 57, 108.032,
328.181


 57, 108.032,
328.181


 100, 108.032,
328.181


 47, 108.032,
328.181


 77, 108.032,
328.181


 37, 108.032,
328.181


 87, 108.032,
328.181

 27, 108.032,
328.181

 97, 108.032,
328.181

 17, 108.032,
328.181

 7, 108.032,
328.181

 0, 108.032,
328.181

■ 57, 108.032,
328.181

■ 57, 108.032,
328.181

■ 56, 109.758,
328.235

■ 58, 103.827,
328.049

■ 60, 96.789,
327.824

■ 63, 87.101,
327.509

■ 67, 75.235,
327.114

■ 72, 61.777,
326.654

■ 77, 47.298,
326.147

■ 82, 32.282,
325.608

■ 88, 17.096,

325.051

■ 93, 2.002, 324.370

Harmonies

Complementary

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



57, 108.032, 328.181



83, 111.654, 136.303

Rectangle

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



57, 108.032, 328.181



57, 108.032, 18.181



57, 108.032, 148.181



57, 108.032, 198.181

Sweetspot

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



57, 108.029, 328.181



84, 43.152, 325.922



31, 122.715, 305.642



43, 29.037, 326.104



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, 108.029, 328.181



60, 115.561, 328.235



52, 79.380, 359.217



47, 8.608, 324.945



44, 90.292, 328.235



10, 39.417, 328.235

Inverse Universe

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



57, 108.029, 328.181



60, 115.561, 328.235



83, 80.882, 150.718



47, 8.608, 324.945



44, 90.292, 328.235



10, 39.417, 328.235

Previews

White Background



This preview shows how the CIELCh color 57, 108.032, 328.181 looks on a white background.

Color Contrast Check

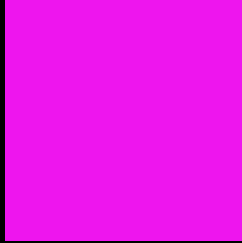
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 108.032, 328.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

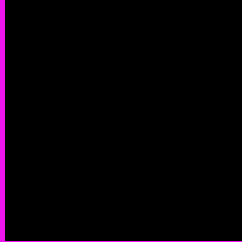
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 108.032, 328.181

Background



This preview shows how black text looks on a background with the CIELCh color 57, 108.032, 328.181.

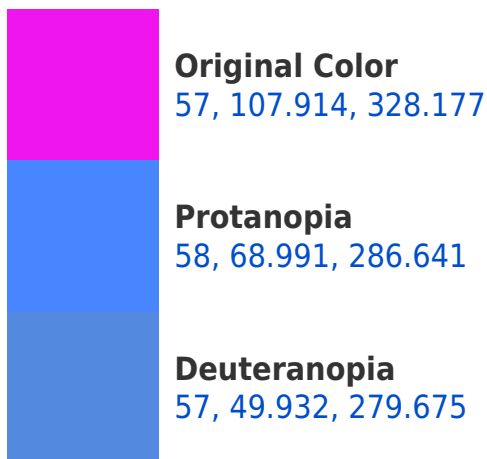


This preview shows how white text looks on a background with the CIELCh color 57, 108.032, 328.181.

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, 55.069, 23.571

Trichromacy



Original Color
57, 107.914, 328.177



Protanomaly
51, 89.538, 305.592



Deuteranomaly
51, 77.857, 307.179



Tritanomaly
55, 68.833, 351.771

Monochromacy



Original Color
57, 107.914, 328.177



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 52.840, 327.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 108.032, 328.181 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(238, 21, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 21, 238)  
}
```

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(238, 21, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 21, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 108.032, 328.181 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(238, 21, 238) }
```

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

```
.border{ border-color:rgb(238, 21, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 21, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 21, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 21, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 21,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 108.032, 328.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 21, 238) }
```

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

```
.background{ background-color: rgb(238, 21,  
238) }
```

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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