

Converting Colors

CIELCh(57, 108.639, 321.865)

Have a look what the booklet for
CIELCh(57, 108.639, 321.865)
contains.

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Color

CIELCh(57, 108.324, 322.035)

Conversions

Conversions Part 1

Format	Color
Hex	DB35FF
RGB	219, 53, 255
RGB Percent	86%, 21%, 100%
CMY	0.1400, 0.7907, 0.0000
CMYK	0.14, 0.79, 0.00, 0.00
HSL	289°, 100%, 60%
HSV	289°, 79%, 100%
XYZ	48.6846, 24.9227, 97.0885
YIQ	125.6620, 34.0940, 98.0140

Conversions

Conversions Part 2

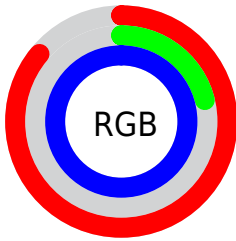
Format	Color
R _Y B	219, 53, 255
Decimal	14366207
CIE Lab	57.00, 85.40, -66.64
CIE LCh	57, 108.324, 322.035
Yxy	24.9227, 0.2852, 0.1460
Android (android.graphics.Color)	4292556287 (0xFFDB35FF)
YUV	125.6620, 63.7636, 81.8574
Hunter-Lab	49.9226, 86.7090, -80.3602

Details

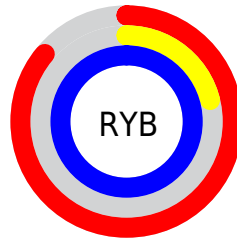
The CIELCh color **57, 108.324, 322.035** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 107.477, 134.771**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **40, 96.888, 320.925** is the 20% darker color. If you saturate the color by 10%, you get **55, 114.222, 321.860**, and if you desaturate by 10%, it is **60, 99.136, 322.077**.

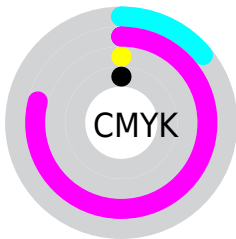
Distribution



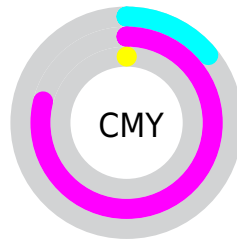
- Red (86%)
- Green (21%)
- Blue (100%)



- Red (86%)
- Yellow (21%)
- Blue (100%)



- Cyan (14%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (79%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 108.324, 322.035 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, 108.324, 322.035 by changing the saturation by 10% instead.


 57, 108.324,
322.035


 57, 108.324,
322.035


 100, 108.324,
322.035


 47, 108.324,
322.035


 77, 108.324,
322.035


 37, 108.324,
322.035


 87, 108.324,
322.035

 27, 108.324,
322.035

 97, 108.324,
322.035

 17, 108.324,
322.035

 7, 108.324,
322.035

 0, 108.324,
322.035

■ 57, 108.324,
322.035

■ 57, 108.324,
322.035

■ 55, 114.222,
321.860

■ 60, 99.136,
322.077

■ 53, 117.230,
321.434

■ 65, 87.543,
321.911

■ 53, 117.447,
321.390

■ 70, 74.127,
321.619

■ 75, 59.560,
321.241

■ 81, 44.387,
320.810

■ 88, 29.007,
320.353

■ 94, 13.693,
319.883

100, 0.012,

Harmonies

Complementary

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



57, 108.324, 322.035



89, 107.477, 134.771

Rectangle

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



57, 108.324, 322.035



57, 108.324, 12.035



57, 108.324, 142.035



57, 108.324, 192.035

Sweetspot

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



57, 108.207, 322.073



84, 36.600, 320.581



46, 96.013, 297.831



43, 25.171, 320.743



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, 108.207, 322.073



54, 116.285, 321.627



60, 87.220, 342.609



50, 8.589, 319.904



40, 94.557, 321.500



10, 43.380, 322.270

Inverse Universe

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



57, 80.330, 21.697



54, 92.157, 29.679



89, 91.405, 145.385



50, 5.388, 5.829



40, 76.091, 31.257



10, 32.120, 19.834

Previews

White Background



This preview shows how the CIELCh color 57, 108.324, 322.035 looks on a white background.

Color Contrast Check

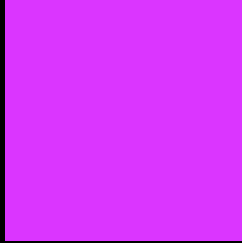
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.324, 322.035 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, 108.324, 322.035

Background



This preview shows how black text looks on a background with the CIELCh color 57, 108.324, 322.035.

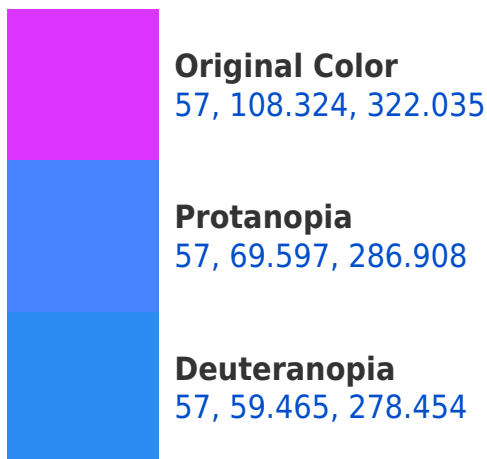


This preview shows how white text looks on a background with the CIELCh color 57, 108.324, 322.035.

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, 39.014, 17.856

Trichromacy



Original Color
57, 108.324, 322.035



Protanomaly
53, 86.290, 302.394



Deuteranomaly
52, 79.265, 298.869



Tritanomaly
55, 58.926, 341.132

Monochromacy



Original Color
57, 108.324, 322.035



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 46.870, 321.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 108.324, 322.035 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(219, 53, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 53, 255)  
}
```

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(219, 53, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 53, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 108.324, 322.035 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(219, 53, 255) }
```

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

```
.border{ border-color:rgb(219, 53, 255) }
```

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

Here you see how a box with a 4 pixel rgb(219, 53, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 53, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 53, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 53,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 108.324, 322.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 53, 255) }
```

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

```
.background{ background-color: rgb(219, 53,  
255) }
```

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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