

Converting Colors

CIELCh(57, 81.477, 329.775)

Have a look what the booklet for
CIELCh(57, 81.477, 329.775)
contains.

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Color

CIELCh(57, 81.814, 329.689)

Conversions

Conversions Part 1

Format	Color
Hex	DB4CD2
RGB	219, 76, 210
RGB Percent	86%, 30%, 82%
CMY	0.1407, 0.7015, 0.1760
CMYK	0.00, 0.65, 0.04, 0.14
HSL	304°, 67%, 58%
HSV	304°, 65%, 86%
XYZ	43.4886, 24.9227, 63.5643
YIQ	134.0330, 42.2140, 71.9900

Conversions

Conversions Part 2

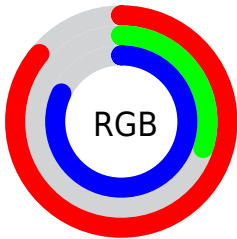
Format	Color
RYB	219, 76, 210
Decimal	14372050
CIELab	57.00, 70.63, -41.29
CIELCh	57, 81.814, 329.689
Yxy	24.9227, 0.3295, 0.1888
Android (android.graphics.Color)	4292562130 (0xFFDB4CD2)
YUV	134.0330, 37.4517, 74.5161
Hunter-Lab	49.9226, 68.1302, -40.5455

Details

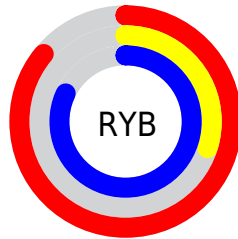
The CIELCh color **57, 81.814, 329.689** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 83.456, 140.091**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **38, 79.612, 329.499** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.592, 330.106**, and if you desaturate by 10%, it is **60, 71.853, 329.222**.

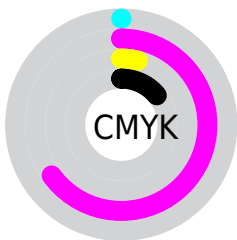
Distribution



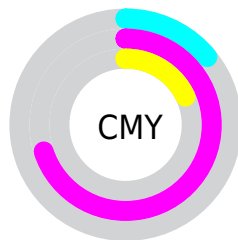
- Red (86%)
- Green (30%)
- Blue (82%)



- Red (86%)
- Yellow (30%)
- Blue (82%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (14%)




- Cyan (14%)
- Magenta (70%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 81.814, 329.689 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, 81.814, 329.689 by changing the saturation by 10% instead.

 57, 81.814,
329.689


 57, 81.814,
329.689

 100, 81.814,
329.689


 47, 81.814,
329.689

 77, 81.814,
329.689

 37, 81.814,
329.689


 87, 81.814,
329.689

 27, 81.814,
329.689

 97, 81.814,
329.689

 17, 81.814,
329.689

 7, 81.814, 329.689

 0, 81.814, 329.689

57, 81.814,
329.689

57, 81.814,
329.689

54, 89.592,
330.106

60, 71.853,
329.222

53, 94.814,
330.471

64, 60.251,
328.712

52, 97.407,
330.795

69, 47.551,
328.169

51, 98.040,
330.940

74, 34.226,
327.605

79, 20.646,
327.029

85, 7.076, 326.434

90, 6.306, 145.964

96, 19.390,
145.392

■ 97, 21.014,
146.240

Harmonies

Complementary

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



57, 81.814, 329.689



78, 83.456, 140.091

Rectangle

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



57, 81.814, 329.689



57, 81.814, 19.689



57, 81.814, 149.689



57, 81.814, 199.689

Sweetspot

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



57, 81.811, 329.689



88, 30.647, 327.313



41, 84.894, 301.678



45, 20.913, 327.476



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, 81.811, 329.689



62, 102.794, 330.236



54, 61.387, 355.204



43, 7.665, 326.689



41, 82.396, 330.895



7, 33.074, 330.339

Inverse Universe

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



57, 81.811, 329.689



62, 102.794, 330.236



79, 56.818, 158.664



43, 7.665, 326.689



41, 82.396, 330.895



7, 33.074, 330.339

Previews

White Background



This preview shows how the CIELCh color 57, 81.814, 329.689 looks on a white background.

Color Contrast Check

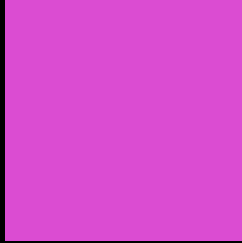
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.814, 329.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

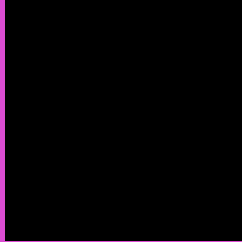
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 81.814, 329.689

Background



This preview shows how black text looks on a background with the CIELCh color 57, 81.814, 329.689.

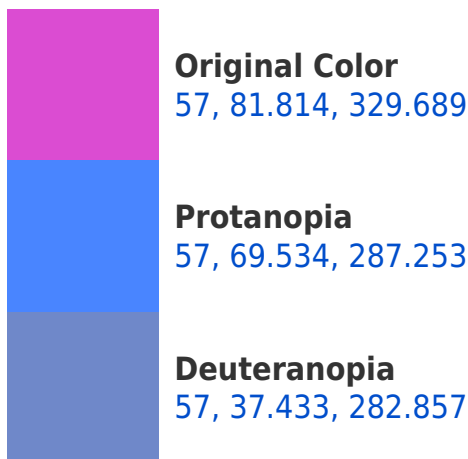


This preview shows how white text looks on a background with the CIELCh color 57, 81.814, 329.689.

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, 43.832, 19.358

Trichromacy



Original Color
57, 81.814, 329.689



Protanomaly
54, 72.808, 300.858



Deuteranomaly
55, 52.944, 308.148



Tritanomaly
56, 52.027, 352.906

Monochromacy



Original Color
57, 81.814, 329.689



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 33.963, 327.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 81.814, 329.689 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, 76, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 76, 210)  
}
```

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, 76, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 76, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 81.814, 329.689 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, 76, 210) }
```

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

```
.border{ border-color:rgb(219, 76, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 76, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 76, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 76, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 76,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 81.814, 329.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 76, 210) }
```

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

```
.background{ background-color: rgb(219, 76,  
210) }
```

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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