

Converting Colors

CIELCh(57, 79.731, 324.340)

Have a look what the booklet for
CIELCh(57, 79.731, 324.340)
contains.

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Color

CIELCh(57, 79.921, 324.421)

Conversions

Conversions Part 1

Format	Color
Hex	CE56DB
RGB	206, 86, 219
RGB Percent	81%, 34%, 86%
CMY	0.1918, 0.6624, 0.1408
CMYK	0.06, 0.61, 0.00, 0.14
HSL	294°, 65%, 60%
HSV	294°, 61%, 86%
XYZ	41.6102, 24.9227, 69.6940
YIQ	137.0420, 28.8270, 66.8030

Conversions

Conversions Part 2

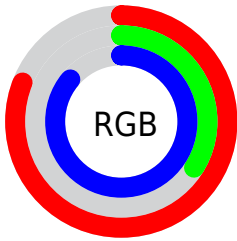
Format	Color
R _Y B	206, 86, 219
Decimal	13522651
CIE Lab	57.00, 65.00, -46.50
CIE LCh	57, 79.921, 324.421
Yxy	24.9227, 0.3054, 0.1829
Android (android.graphics.Color)	4291712731 (0xFFCE56DB)
YUV	137.0420, 40.4053, 60.4762
Hunter-Lab	49.9226, 61.4140, -47.8254

Details

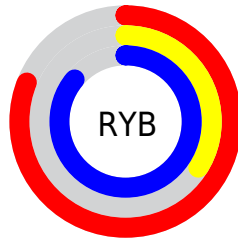
The CIELCh color **57, 79.921, 324.421** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 79.812, 137.378**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 69.646, 326.803**, and **37, 79.774, 324.402** is the 20% darker color. If you saturate the color by 10%, you get **54, 89.586, 324.627**, and if you desaturate by 10%, it is **61, 68.435, 324.106**.

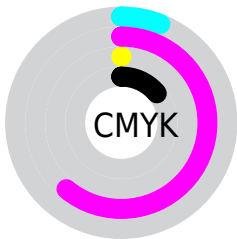
Distribution



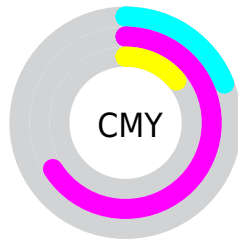
- Red (81%)
- Green (34%)
- Blue (86%)



- Red (81%)
- Yellow (34%)
- Blue (86%)



- Cyan (6%)
- Magenta (61%)
- Yellow (0%)
- Black (14%)





- Cyan (19%)
- Magenta (66%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 79.921, 324.421 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, 79.921, 324.421 by changing the saturation by 10% instead.


 57, 79.921,
324.421


 57, 79.921,
324.421


 100, 79.921,
324.421


 47, 79.921,
324.421


 77, 79.921,
324.421

 37, 79.921,
324.421

 87, 79.921,
324.421

 27, 79.921,
324.421

 97, 79.921,
324.421

 17, 79.921,
324.421

 7, 79.921, 324.421

 0, 79.921, 324.421

57, 79.921,
324.421

57, 79.921,
324.421

54, 89.586,
324.627

61, 68.435,
324.106

51, 96.899,
324.696

66, 55.712,
323.710

49, 101.527,
324.608

71, 42.258,
323.261

48, 103.732,
324.401

76, 28.473,
322.780

81, 14.644,
322.283

87, 0.964, 321.553

93, 12.446,
141.360

97, 21.639,
140.554

■ 97, 21.236,
138.879

Harmonies

Complementary

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



57, 79.921, 324.421



78, 79.812, 137.378

Rectangle

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



57, 79.921, 324.421



57, 79.921, 14.421



57, 79.921, 144.421



57, 79.921, 194.421

Sweetspot

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



57, 79.919, 324.421



89, 27.970, 322.655



47, 70.232, 296.147



45, 19.458, 322.799



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, 79.919, 324.421



61, 103.158, 324.663



57, 62.348, 344.653



43, 7.765, 322.218



38, 87.109, 324.459



6, 34.156, 324.792

Inverse Universe

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



55, 56.718, 20.756



58, 77.370, 25.133



79, 61.199, 152.029



43, 4.669, 12.049



36, 74.184, 35.748



5, 23.731, 16.050

Previews

White Background



This preview shows how the CIELCh color 57, 79.921, 324.421 looks on a white background.

Color Contrast Check

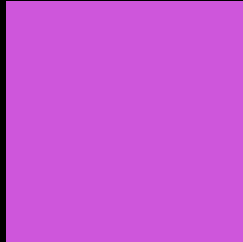
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.921, 324.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

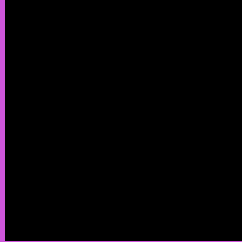
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 79.921, 324.421

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.921, 324.421.

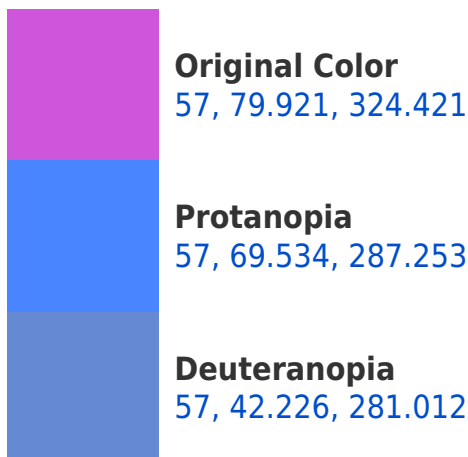


This preview shows how white text looks on a background with the CIELCh color 57, 79.921, 324.421.

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, 33.738, 15.990

Trichromacy



Original Color
57, 79.921, 324.421



Protanomaly
55, 71.987, 298.936



Deuteranomaly
55, 54.911, 302.720



Tritanomaly
56, 45.448, 344.885

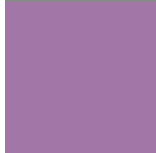
Monochromacy



Original Color
57, 79.921, 324.421



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 32.352, 323.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.921, 324.421 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(206, 86, 219)` looks like.

```
.text, #text, p{  
    color:rgb(206, 86, 219)  
}
```

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(206, 86, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 86, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.921, 324.421 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(206, 86, 219) }
```

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

```
.border{ border-color:rgb(206, 86, 219) }
```

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

Here you see how a box with a 4 pixel rgb(206, 86, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 86, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 86, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 86,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.921, 324.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 86, 219) }
```

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

```
.background{ background-color: rgb(206, 86,  
219) }
```

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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