

Converting Colors

CIELCh(57, 86.273, 323.925)

Have a look what the booklet for
CIELCh(57, 86.273, 323.925)
contains.

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Color

CIELCh(57, 86.384, 323.955)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D250E3 |
| RGB | 210, 80, 227 |
| RGB Percent | 82%, 31%, 89% |
| CMY | 0.1772, 0.6870, 0.1105 |
| CMYK | 0.07, 0.65, 0.00, 0.11 |
| HSL | 293°, 72%, 60% |
| HSV | 293°, 65%, 89% |
| XYZ | 43.2237, 24.9227, 75.0796 |
| YIQ | 135.6280, 30.2930, 73.2770 |

Conversions

Conversions Part 2

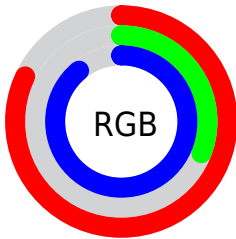
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 210, 80, 227 |
| Decimal | 13783267 |
| CIE _{Lab} | 57.00, 69.85, -50.83 |
| CIE _{LCh} | 57, 86.384, 323.955 |
| Yxy | 24.9227, 0.3018, 0.1740 |
| Android (android.graphics.Color) | 4291973347 (0xFFD250E3) |
| YUV | 135.6280, 45.0464, 65.2242 |
| Hunter-Lab | 49.9226, 67.1833, -54.2216 |

Details

The CIELCh color **57, 86.384, 323.955** 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 **81, 86.194, 136.683**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **37, 86.327, 323.961** is the 20% darker color. If you saturate the color by 10%, you get **54, 95.450, 324.087**, and if you desaturate by 10%, it is **61, 75.221, 323.695**.

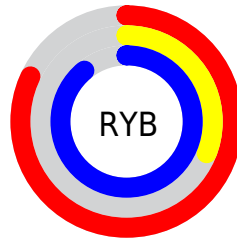
Distribution



Red (82%)

Green (31%)

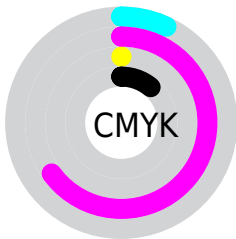
Blue (89%)



Red (82%)

Yellow (31%)

Blue (89%)

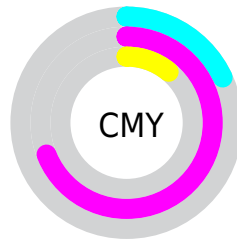


Cyan (7%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (18%)


Magenta (69%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 86.384, 323.955 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, 86.384, 323.955 by changing the saturation by 10% instead.


 57, 86.384,
323.955


 57, 86.384,
323.955


 100, 86.384,
323.955


 47, 86.384,
323.955


 77, 86.384,
323.955

 37, 86.384,
323.955

 87, 86.384,
323.955

 27, 86.384,
323.955

 97, 86.384,
323.955

 17, 86.384,
323.955

 7, 86.384, 323.955

 0, 86.384, 323.955

57, 86.384,
323.955

57, 86.384,
323.955

54, 95.450,
324.087

61, 75.221,
323.695

51, 101.916,
324.062

66, 62.573,
323.338

50, 105.568,
323.862

71, 49.001,
322.915

49, 106.675,
323.709


76, 34.959,
322.453

82, 20.783,
321.969

87, 6.701, 321.462

93, 7.141, 141.064

98, 16.807,
139.991

 98, 16.333,
137.274

Harmonies

Complementary

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



57, 86.384, 323.955



81, 86.194, 136.683

Rectangle

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



57, 86.384, 323.955



57, 86.384, 13.955



57, 86.384, 143.955



57, 86.384, 193.955

Sweetspot

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



57, 86.382, 323.955



88, 29.389, 322.179



47, 76.157, 296.537



45, 20.249, 322.318



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, 86.382, 323.955



59, 107.248, 324.097



57, 68.003, 344.304



44, 7.872, 321.703



38, 88.213, 323.781



7, 35.742, 324.320

Inverse Universe

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



55, 62.089, 20.721



57, 81.629, 25.878



81, 67.454, 150.631



44, 4.774, 10.621



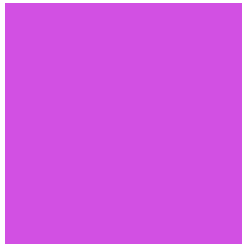
37, 74.211, 34.833



6, 25.328, 16.058

Previews

White Background



This preview shows how the CIELCh color 57, 86.384, 323.955 looks on a white background.

Color Contrast Check

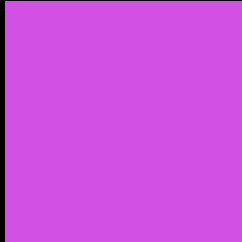
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.384, 323.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

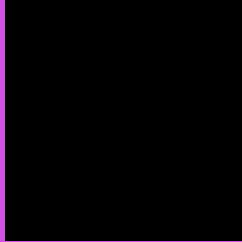
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 86.384, 323.955

Background



This preview shows how black text looks on a background with the CIELCh color 57, 86.384, 323.955.



This preview shows how white text looks on a background with the CIELCh color 57, 86.384, 323.955.

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, 35.510, 16.653

Trichromacy



Original Color
57, 86.384, 323.955



Protanomaly
55, 74.846, 299.722



Deuteranomaly
55, 60.508, 301.912



Tritanomaly
56, 49.050, 344.106

Monochromacy



Original Color
57, 86.384, 323.955



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 34.848, 322.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 86.384, 323.955 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(210, 80, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 80, 227)  
}
```

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(210, 80, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 80, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 86.384, 323.955 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(210, 80, 227) }
```

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

```
.border{ border-color:rgb(210, 80, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 80, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 80, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 80, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 80,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 86.384, 323.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 80, 227) }
```

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

```
.background{ background-color: rgb(210, 80,  
227) }
```

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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