

Converting Colors

CIELCh(59, 81.578, 331.618)

Have a look what the booklet for
CIELCh(59, 81.578, 331.618)
contains.

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Color

CIELCh(59, 81.322, 331.786)

Conversions

Conversions Part 1

Format	Color
Hex	E550D3
RGB	229, 80, 211
RGB Percent	90%, 31%, 83%
CMY	0.1027, 0.6870, 0.1733
CMYK	0.00, 0.65, 0.08, 0.10
HSL	307°, 74%, 61%
HSV	307°, 65%, 90%
XYZ	46.8390, 27.0277, 64.2553
YIQ	139.4850, 46.7530, 72.3290

Conversions

Conversions Part 2

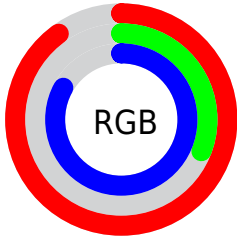
Format	Color
R _{YB}	229, 80, 211
Decimal	15028435
CIE _{Lab}	59.00, 71.66, -38.45
CIE _{LCh}	59, 81.322, 331.786
Y _{xy}	27.0277, 0.3391, 0.1957
Android (android.graphics.Color)	4293218515 (0xFFE550D3)
YUV	139.4850, 35.2569, 78.5047
Hunter-Lab	51.9882, 69.8411, -36.8883

Details

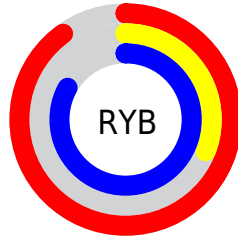
The CIELCh color **59, 81.322, 331.786** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **81, 83.157, 141.596**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.342, 326.858**, and **39, 79.986, 331.784** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.990, 332.354**, and if you desaturate by 10%, it is **63, 71.416, 331.206**.

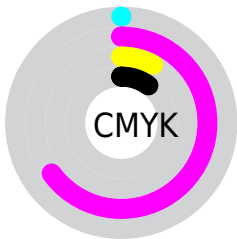
Distribution



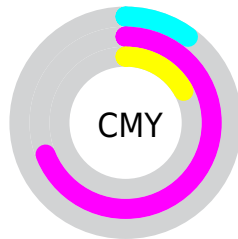
- Red (90%)
- Green (31%)
- Blue (83%)



- Red (90%)
- Yellow (31%)
- Blue (83%)



- Cyan (0%)
- Magenta (65%)
- Yellow (8%)
- Black (10%)




- Cyan (10%)
- Magenta (69%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 81.322, 331.786 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 59, 81.322, 331.786 by changing the saturation by 10% instead.

 59, 81.322,
331.786

 59, 81.322,
331.786

 100, 81.322,
331.786


 49, 81.322,
331.786

 79, 81.322,
331.786

 39, 81.322,
331.786

 89, 81.322,
331.786

 29, 81.322,
331.786

 99, 81.322,
331.786

 19, 81.322,
331.786

 9, 81.322, 331.786

 0, 81.322, 331.786

59, 81.322,
331.786

59, 81.322,
331.786

56, 88.990,
332.354

63, 71.416,
331.206

54, 94.014,
332.919

67, 59.845,
330.612

53, 96.297,
333.500

72, 47.174,
330.006

53, 96.736,
333.792


77, 33.888,
329.396

82, 20.360,
328.787

88, 6.855, 328.163

94, 6.454, 147.681

98, 14.654,
148.432

 98, 13.573,
152.124

Harmonies

Complementary

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



59, 81.322, 331.786



81, 83.157, 141.596

Rectangle

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



59, 81.322, 331.786



59, 81.322, 21.786



59, 81.322, 151.786



59, 81.322, 201.786

Sweetspot

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



59, 81.319, 331.786



88, 29.453, 329.091



44, 87.478, 302.944



45, 20.101, 329.264



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 81.319, 331.786



62, 98.750, 332.543



56, 62.166, 0.108



45, 7.645, 328.440



41, 80.464, 333.690



8, 34.258, 332.753

Inverse Universe

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



59, 81.319, 331.786



62, 98.750, 332.543



82, 55.114, 162.615



45, 7.645, 328.440



41, 80.464, 333.690



8, 34.258, 332.753

Previews

White Background



This preview shows how the CIELCh color 59, 81.322, 331.786 looks on a white background.

Color Contrast Check

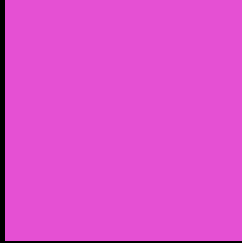
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 81.322, 331.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

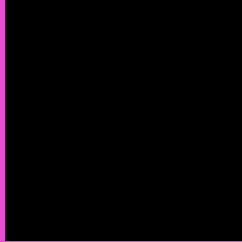
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 81.322, 331.786

Background



This preview shows how black text looks on a background with the CIELCh color 59, 81.322, 331.786.

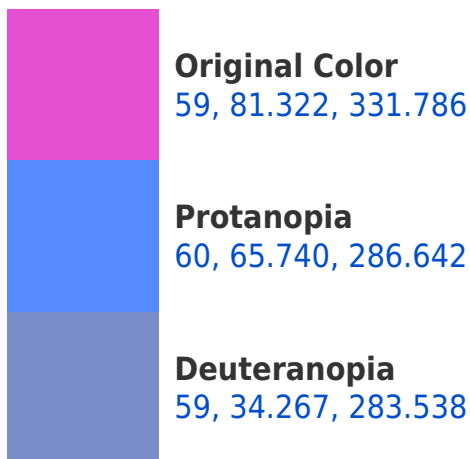


This preview shows how white text looks on a background with the CIELCh color 59, 81.322, 331.786.

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
59, 47.067, 20.736

Trichromacy



Original Color
59, 81.322, 331.786



Protanomaly
56, 69.695, 302.162



Deuteranomaly
57, 50.806, 310.434



Tritanomaly
59, 54.136, 355.630

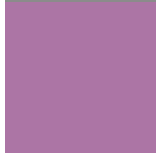
Monochromacy



Original Color
59, 81.322, 331.786



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 33.988, 329.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 81.322, 331.786 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(229, 80, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 80, 211)  
}
```

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(229, 80, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 80, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 81.322, 331.786 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(229, 80, 211) }
```

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

```
.border{ border-color:rgb(229, 80, 211) }
```

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

Here you see how a box with a 4 pixel rgb(229, 80, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 80, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 80, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 80,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 81.322, 331.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 80, 211) }
```

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

```
.background{ background-color: rgb(229, 80,  
211) }
```

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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