

Converting Colors

CIELCh(59, 78.818, 327.574)

Have a look what the booklet for
CIELCh(59, 78.818, 327.574)
contains.

CIELCh(59, 78.507, 327.651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 78.507, 327.651)

Conversions

Conversions Part 1

Format	Color
Hex	DA59D9
RGB	218, 89, 217
RGB Percent	85%, 35%, 85%
CMY	0.1454, 0.6513, 0.1494
CMYK	0.00, 0.59, 0.00, 0.15
HSL	300°, 63%, 60%
HSV	300°, 59%, 85%
XYZ	44.9657, 27.0277, 68.4345
YIQ	142.1630, 35.7960, 67.1560

Conversions

Conversions Part 2

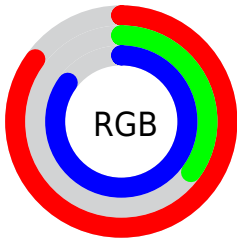
Format	Color
R _{YB}	218, 89, 217
Decimal	14309849
CIE _{Lab}	59.00, 66.32, -42.01
CIE _{LCh}	59, 78.507, 327.651
Yxy	27.0277, 0.3202, 0.1925
Android (android.graphics.Color)	4292499929 (0xFFDA59D9)
YUV	142.1630, 36.8946, 66.5090
Hunter-Lab	51.9882, 63.4091, -41.6544

Details

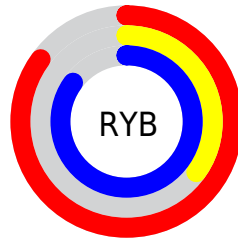
The CIELCh color **59, 78.507, 327.651** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 79.358, 139.487**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **39, 78.765, 327.578** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.010, 327.998**, and if you desaturate by 10%, it is **63, 67.115, 327.231**.

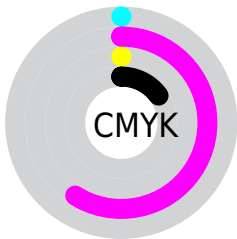
Distribution



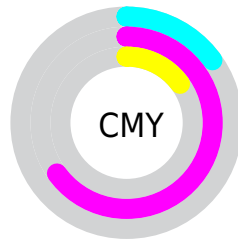
- Red (85%)
- Green (35%)
- Blue (85%)



- Red (85%)
- Yellow (35%)
- Blue (85%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.507, 327.651 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, 78.507, 327.651 by changing the saturation by 10% instead.


 59, 78.507,
327.651


 59, 78.507,
327.651


 100, 78.507,
327.651


 49, 78.507,
327.651


 79, 78.507,
327.651

 39, 78.507,
327.651

 89, 78.507,
327.651

 29, 78.507,
327.651

 99, 78.507,
327.651

 19, 78.507,
327.651

 9, 78.507, 327.651

 0, 78.507, 327.651

59, 78.507,
327.651

59, 78.507,
327.651

56, 88.010,
327.998

63, 67.115,
327.231

54, 95.155,
328.261

67, 54.389,
326.754

52, 99.685,
328.437

72, 40.836,
326.236

52, 101.870,
328.538

77, 26.876,
325.693

52, 102.010,
328.545

82, 12.823,
325.131

87, 1.104, 144.855

93, 14.765,
144.086

97, 23.052,
143.800

■ 97, 22.981,
143.921

Harmonies

Complementary

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



59, 78.507, 327.651



78, 79.358, 139.487

Rectangle

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



59, 78.507, 327.651



59, 78.507, 17.651



59, 78.507, 147.651



59, 78.507, 197.651

Sweetspot

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



59, 78.504, 327.651



89, 28.625, 325.635



45, 76.163, 299.462



46, 19.900, 325.797



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, 78.504, 327.651



64, 101.319, 328.070



56, 57.719, 350.553



43, 7.959, 325.145



41, 86.030, 328.540



7, 34.372, 328.425

Inverse Universe

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



59, 78.504, 327.651



64, 101.319, 328.070



79, 54.646, 156.991



43, 7.959, 325.145



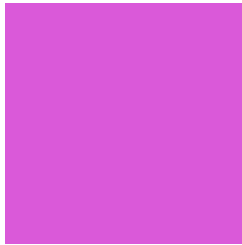
41, 86.030, 328.540



7, 34.372, 328.425

Previews

White Background



This preview shows how the CIELCh color 59, 78.507, 327.651 looks on a white background.

Color Contrast Check

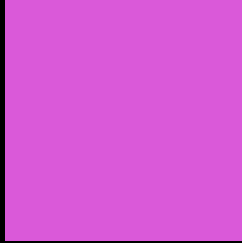
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 78.507, 327.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

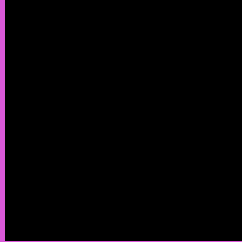
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 78.507, 327.651

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.507, 327.651.

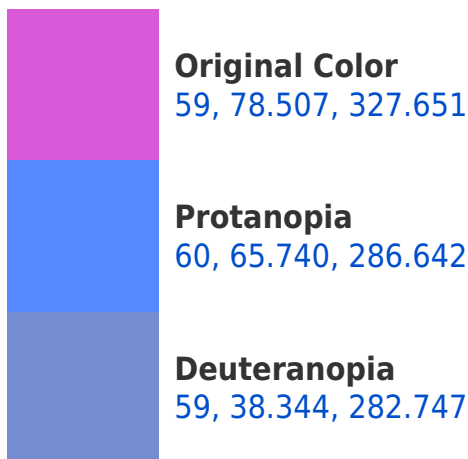


This preview shows how white text looks on a background with the CIELCh color 59, 78.507, 327.651.

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, 38.691, 17.611

Trichromacy



Original Color
59, 78.507, 327.651



Protanomaly
57, 68.287, 300.276



Deuteranomaly
57, 51.664, 306.041



Tritanomaly
59, 47.898, 349.872

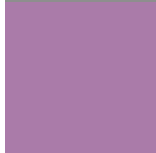
Monochromacy



Original Color
59, 78.507, 327.651



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 31.334, 326.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.507, 327.651 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(218, 89, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 89, 217)  
}
```

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(218, 89, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 89, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.507, 327.651 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(218, 89, 217) }
```

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

```
.border{ border-color:rgb(218, 89, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 89, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 89, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 89, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 89,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.507, 327.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 89, 217) }
```

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

```
.background{ background-color: rgb(218, 89,  
217) }
```

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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