

Converting Colors

CIELCh(59, 79.337, 328.355)

Have a look what the booklet for
CIELCh(59, 79.337, 328.355)
contains.

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Color

CIELCh(59, 79.241, 328.396)

Conversions

Conversions Part 1

Format	Color
Hex	DC57D8
RGB	220, 87, 216
RGB Percent	86%, 34%, 85%
CMY	0.1368, 0.6584, 0.1525
CMYK	0.00, 0.60, 0.02, 0.14
HSL	302°, 66%, 60%
HSV	302°, 60%, 86%
XYZ	45.3706, 27.0277, 67.8594
YIQ	141.4730, 37.8590, 68.3150

Conversions

Conversions Part 2

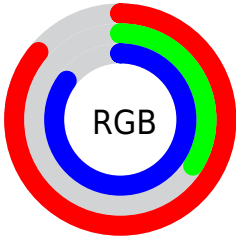
Format	Color
R _Y B	220, 87, 216
Decimal	14440408
CIE Lab	59.00, 67.49, -41.53
CIE LCh	59, 79.241, 328.396
Yxy	27.0277, 0.3235, 0.1927
Android (android.graphics.Color)	4292630488 (0xFFDC57D8)
YUV	141.4730, 36.7418, 68.8682
Hunter-Lab	51.9882, 64.7991, -40.9985

Details

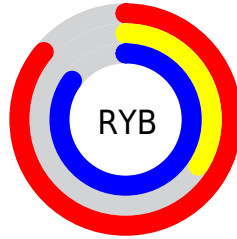
The CIELCh color **59, 79.241, 328.396** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **78, 80.284, 139.878**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 68.506, 326.765**, and **39, 79.396, 328.378** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.386, 328.773**, and if you desaturate by 10%, it is **63, 68.135, 327.955**.

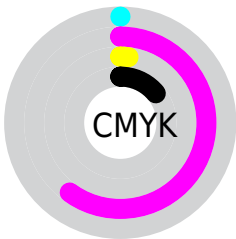
Distribution



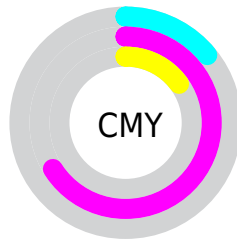
- Red (86%)
- Green (34%)
- Blue (85%)



- Red (86%)
- Yellow (34%)
- Blue (85%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 79.241, 328.396 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, 79.241, 328.396 by changing the saturation by 10% instead.


 59, 79.241,
328.396


 59, 79.241,
328.396


 100, 79.241,
328.396


 49, 79.241,
328.396


 79, 79.241,
328.396

 39, 79.241,
328.396

 89, 79.241,
328.396

 29, 79.241,
328.396

 99, 79.241,
328.396

 19, 79.241,
328.396

 9, 79.241, 328.396

 0, 79.241, 328.396

59, 79.241,
328.396

59, 79.241,
328.396

56, 88.386,
328.773

63, 68.135,
327.955

54, 95.111,
329.078

67, 55.628,
327.462

53, 99.185,
329.310

72, 42.240,
326.933

52, 100.974,
329.480

77, 28.405,
326.380

82, 14.446,
325.813

88, 0.592, 324.797

93, 13.009,
144.757

97, 21.275,
144.609

■ 97, 20.998,
145.138

Harmonies

Complementary

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



59, 79.241, 328.396



78, 80.284, 139.878

Rectangle

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



59, 79.241, 328.396



59, 79.241, 18.396



59, 79.241, 148.396



59, 79.241, 198.396

Sweetspot

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



59, 79.238, 328.396



89, 28.195, 326.252



44, 78.496, 300.065



46, 19.602, 326.417



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, 79.238, 328.396



64, 101.478, 328.878



56, 58.731, 351.887



43, 7.839, 325.755



41, 84.542, 329.459



7, 33.843, 329.176

Inverse Universe

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



59, 79.238, 328.396



64, 101.478, 328.878



79, 55.217, 157.655



43, 7.839, 325.755



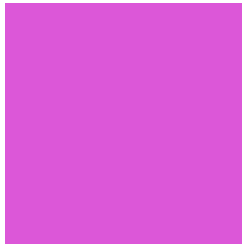
41, 84.542, 329.459



7, 33.843, 329.176

Previews

White Background



This preview shows how the CIELCh color 59, 79.241, 328.396 looks on a white background.

Color Contrast Check

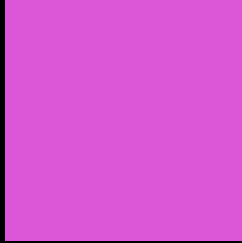
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.241, 328.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

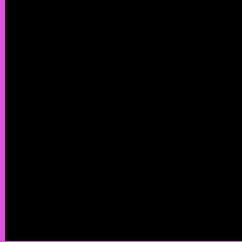
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 79.241, 328.396

Background



This preview shows how black text looks on a background with the CIELCh color 59, 79.241, 328.396.

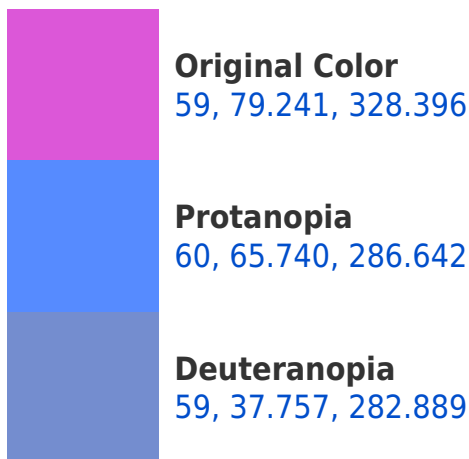


This preview shows how white text looks on a background with the CIELCh color 59, 79.241, 328.396.

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, 39.992, 18.022

Trichromacy



Original Color
59, 79.241, 328.396



Protanomaly
57, 68.908, 300.755



Deuteranomaly
57, 51.854, 307.113



Tritanomaly
58, 49.315, 350.646

Monochromacy



Original Color
59, 79.241, 328.396



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 32.005, 326.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 79.241, 328.396 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(220, 87, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 87, 216)  
}
```

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(220, 87, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 87, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 79.241, 328.396 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(220, 87, 216) }
```

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

```
.border{ border-color:rgb(220, 87, 216) }
```

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

Here you see how a box with a 4 pixel rgb(220, 87, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 87, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 87, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 87,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 79.241, 328.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 87, 216) }
```

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

```
.background{ background-color: rgb(220, 87,  
216) }
```

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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