

Converting Colors

CIELCh(59, 77.356, 325.306)

Have a look what the booklet for
CIELCh(59, 77.356, 325.306)
contains.

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Color

CIELCh(59, 77.257, 325.416)

Conversions

Conversions Part 1

Format	Color
Hex	D45DDC
RGB	212, 93, 220
RGB Percent	83%, 36%, 86%
CMY	0.1682, 0.6349, 0.1369
CMYK	0.04, 0.58, 0.00, 0.14
HSL	296°, 65%, 61%
HSV	296°, 58%, 86%
XYZ	44.0313, 27.0277, 70.6694
YIQ	143.0590, 30.1570, 64.7250

Conversions

Conversions Part 2

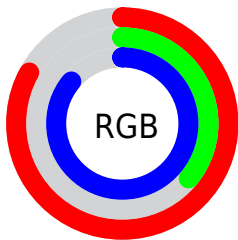
Format	Color
R _Y B	212, 93, 220
Decimal	13917660
CIE Lab	59.00, 63.61, -43.85
CIE LCh	59, 77.257, 325.416
Yxy	27.0277, 0.3107, 0.1907
Android (android.graphics.Color)	4292107740 (0xFFD45DDC)
YUV	143.0590, 37.9319, 60.4613
Hunter-Lab	51.9882, 60.2007, -44.2032

Details

The CIELCh color **59, 77.257, 325.416** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **79, 77.422, 138.326**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **39, 77.188, 325.429** is the 20% darker color. If you saturate the color by 10%, you get **56, 87.429, 325.690**, and if you desaturate by 10%, it is **63, 65.367, 325.050**.

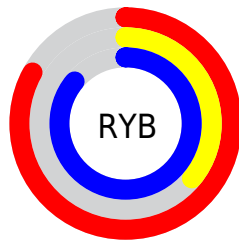
Distribution



Red (83%)

Green (36%)

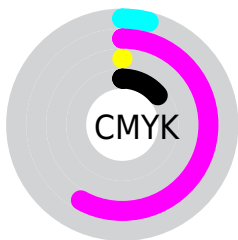
Blue (86%)



Red (83%)

Yellow (36%)

Blue (86%)

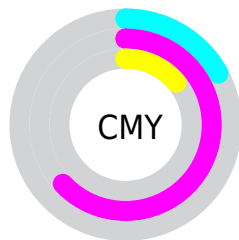


Cyan (4%)

Magenta (58%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (63%)

Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 77.257, 325.416 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, 77.257, 325.416 by changing the saturation by 10% instead.

 59, 77.257,
325.416

 59, 77.257,
325.416

 100, 77.257,
325.416

 49, 77.257,
325.416

 79, 77.257,
325.416

 39, 77.257,
325.416

 89, 77.257,
325.416

 29, 77.257,
325.416

 99, 77.257,
325.416

 19, 77.257,
325.416

 9, 77.257, 325.416

 0, 77.257, 325.416

59, 77.257,
325.416

59, 77.257,
325.416

56, 87.429,
325.690

63, 65.367,
325.050

53, 95.345,
325.849

68, 52.328,
324.616

51, 100.631,
325.877

73, 38.628,
324.138

50, 103.327,
325.774

78, 24.649,
323.633


50, 103.779,
325.743

83, 10.665,
323.111

89, 3.141, 142.714

95, 16.654,
142.156

97, 21.208,
141.300

 97, 20.941,
140.213

Harmonies

Complementary

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



59, 77.257, 325.416



79, 77.422, 138.326

Rectangle

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



59, 77.257, 325.416



59, 77.257, 15.416



59, 77.257, 145.416



59, 77.257, 195.416

Sweetspot

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



59, 77.255, 325.416



89, 26.669, 323.604



48, 69.305, 296.752



46, 17.851, 323.708



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, 77.255, 325.416



63, 99.572, 325.729



58, 58.941, 346.167



43, 7.847, 323.203



39, 86.855, 325.782



6, 34.322, 326.009

Inverse Universe

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



56, 54.500, 22.475



60, 74.308, 26.133



79, 57.134, 153.983



43, 4.648, 14.839



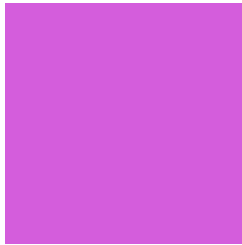
36, 75.639, 37.359



5, 23.756, 17.554

Previews

White Background



This preview shows how the CIELCh color 59, 77.257, 325.416 looks on a white background.

Color Contrast Check

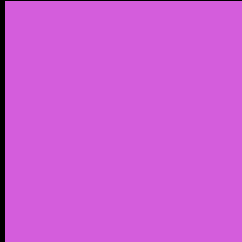
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.257, 325.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

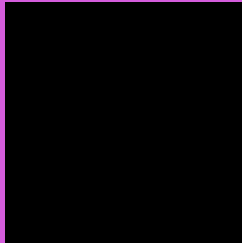
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 77.257, 325.416

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.257, 325.416.

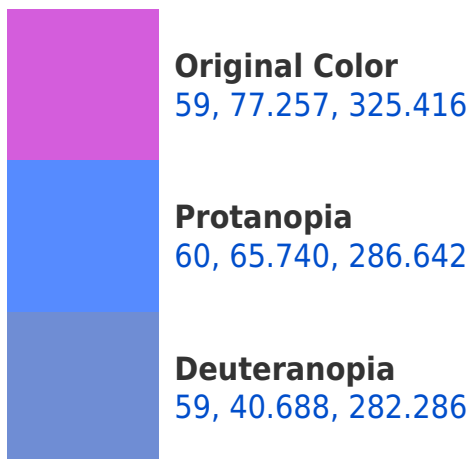


This preview shows how white text looks on a background with the CIELCh color 59, 77.257, 325.416.

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, 34.349, 15.221

Trichromacy



Original Color
59, 77.257, 325.416



Protanomaly
57, 68.212, 299.588



Deuteranomaly
58, 52.415, 303.778



Tritanomaly
58, 45.294, 345.713

Monochromacy



Original Color
59, 77.257, 325.416



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 30.534, 324.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.257, 325.416 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(212, 93, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 93, 220)  
}
```

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(212, 93, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 93, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.257, 325.416 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(212, 93, 220) }
```

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

```
.border{ border-color:rgb(212, 93, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 93, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 93, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 93, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 93,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.257, 325.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 93, 220) }
```

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

```
.background{ background-color: rgb(212, 93,  
220) }
```

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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