

Converting Colors

CIELCh(59, 77.040, 328.004)

Have a look what the booklet for
CIELCh(59, 77.040, 328.004)
contains.

CIELCh(59, 77.123, 327.869)	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, 77.123, 327.869)

Conversions

Conversions Part 1

Format	Color
Hex	D95AD7
RGB	217, 90, 215
RGB Percent	85%, 35%, 84%
CMY	0.1484, 0.6464, 0.1563
CMYK	0.00, 0.58, 0.01, 0.15
HSL	301°, 63%, 60%
HSV	301°, 58%, 85%
XYZ	44.6160, 27.0277, 67.2564
YIQ	142.2230, 35.5670, 65.7990

Conversions

Conversions Part 2

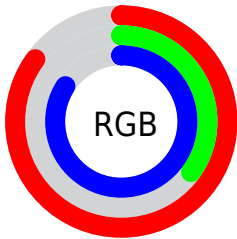
Format	Color
R_{YB}	217, 90, 215
Decimal	14244567
CIE _{Lab}	59.00, 65.31, -41.02
CIE _{LCh}	59, 77.123, 327.869
Yxy	27.0277, 0.3212, 0.1946
Android (android.graphics.Color)	4292434647 (0xFFD95AD7)
YUV	142.2230, 35.8791, 65.5794
Hunter-Lab	51.9882, 62.2084, -40.3109

Details

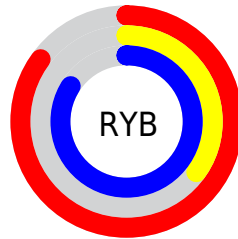
The CIELCh color **59, 77.123, 327.869** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **78, 77.958, 139.766**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **39, 77.231, 327.791** is the 20% darker color. If you saturate the color by 10%, you get **56, 86.696, 328.235**, and if you desaturate by 10%, it is **63, 65.710, 327.435**.

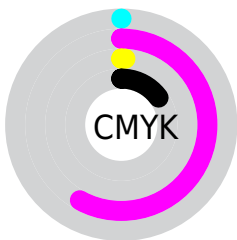
Distribution



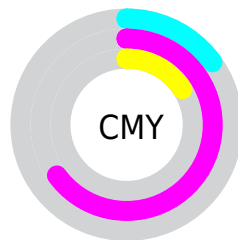
- Red (85%)
- Green (35%)
- Blue (84%)



- Red (85%)
- Yellow (35%)
- Blue (84%)



- Cyan (0%)
- Magenta (58%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.123, 327.869 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, 77.123, 327.869 by changing the saturation by 10% instead.

 59, 77.123,
327.869

 59, 77.123,
327.869

 100, 77.123,
327.869

 49, 77.123,
327.869

 79, 77.123,
327.869

 39, 77.123,
327.869

 89, 77.123,
327.869

 29, 77.123,
327.869

 99, 77.123,
327.869

 19, 77.123,
327.869

 9, 77.123, 327.869

 0, 77.123, 327.869

59, 77.123,
327.869

59, 77.123,
327.869

56, 86.696,
328.235

63, 65.710,
327.435

54, 93.950,
328.522

67, 53.011,
326.947

52, 98.604,
328.727

72, 39.526,
326.422

51, 100.841,
328.859

77, 25.664,
325.873

51, 101.097,
328.877

82, 11.729,
325.308

88, 2.069, 144.917

93, 15.594,
144.263

97, 23.364,
144.047

■ 97, 23.220,
144.293

Harmonies

Complementary

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



59, 77.123, 327.869



78, 77.958, 139.766

Rectangle

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



59, 77.123, 327.869



59, 77.123, 17.869



59, 77.123, 147.869



59, 77.123, 197.869

Sweetspot

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



59, 77.120, 327.869



89, 28.469, 325.856



45, 74.944, 299.303



46, 19.792, 326.019



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, 77.120, 327.869



65, 99.873, 328.304



57, 56.980, 350.423



43, 7.916, 325.363



41, 85.490, 328.867



7, 34.181, 328.693

Inverse Universe

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



59, 77.120, 327.869



65, 99.873, 328.304



79, 53.935, 157.105



43, 7.916, 325.363



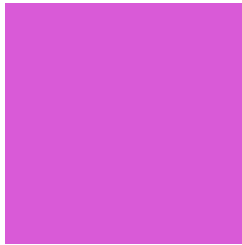
41, 85.490, 328.867



7, 34.181, 328.693

Previews

White Background



This preview shows how the CIELCh color 59, 77.123, 327.869 looks on a white background.

Color Contrast Check

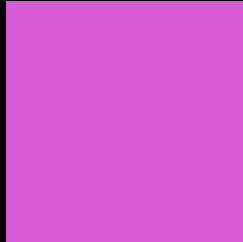
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.123, 327.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

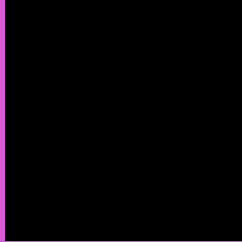
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 77.123, 327.869

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.123, 327.869.

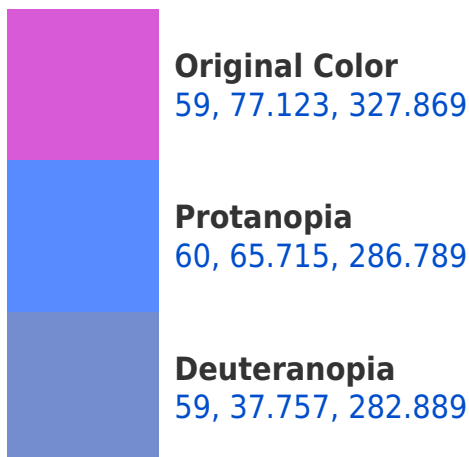


This preview shows how white text looks on a background with the CIELCh color 59, 77.123, 327.869.

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, 38.224, 16.654

Trichromacy



Original Color
59, 77.123, 327.869



Protanomaly
57, 68.287, 300.276



Deuteranomaly
58, 50.525, 306.223



Tritanomaly
58, 47.613, 349.541

Monochromacy



Original Color
59, 77.123, 327.869



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 31.145, 325.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.123, 327.869 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(217, 90, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 90, 215)  
}
```

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(217, 90, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 90, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.123, 327.869 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(217, 90, 215) }
```

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

```
.border{ border-color:rgb(217, 90, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 90, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 90, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 90, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 90,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.123, 327.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 90, 215) }
```

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

```
.background{ background-color: rgb(217, 90,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor