

Converting Colors

CIELCh(59, 75.800, 326.176)

Have a look what the booklet for
CIELCh(59, 75.800, 326.176)
contains.

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Color

CIELCh(59, 75.572, 326.320)

Conversions

Conversions Part 1

Format	Color
Hex	D55ED9
RGB	213, 94, 217
RGB Percent	84%, 37%, 85%
CMY	0.1661, 0.6327, 0.1504
CMYK	0.02, 0.57, 0.00, 0.15
HSL	298°, 62%, 61%
HSV	298°, 57%, 85%
XYZ	43.7865, 27.0277, 68.3167
YIQ	143.6030, 31.4410, 63.4810

Conversions

Conversions Part 2

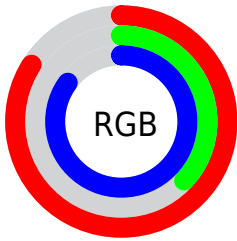
Format	Color
R _{YB}	213, 94, 217
Decimal	13983449
CIE _{Lab}	59.00, 62.89, -41.91
CIE _{LCh}	59, 75.572, 326.320
Yxy	27.0277, 0.3147, 0.1943
Android (android.graphics.Color)	4292173529 (0xFFD55ED9)
YUV	143.6030, 36.1847, 60.8612
Hunter-Lab	51.9882, 59.3602, -41.5201

Details

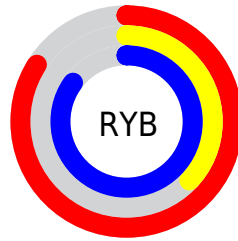
The CIELCh color **59, 75.572, 326.320** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **78, 75.976, 138.997**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **39, 75.719, 326.122** is the 20% darker color. If you saturate the color by 10%, you get **56, 85.701, 326.636**, and if you desaturate by 10%, it is **63, 63.748, 325.923**.

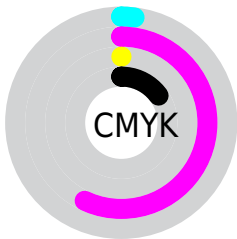
Distribution



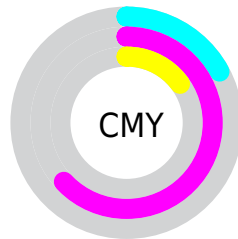
- Red (84%)
- Green (37%)
- Blue (85%)



- Red (84%)
- Yellow (37%)
- Blue (85%)



- Cyan (2%)
- Magenta (57%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (63%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 75.572, 326.320 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, 75.572, 326.320 by changing the saturation by 10% instead.


 59, 75.572,
326.320


 59, 75.572,
326.320


 100, 75.572,
326.320


 49, 75.572,
326.320


 79, 75.572,
326.320

 39, 75.572,
326.320

 89, 75.572,
326.320

 29, 75.572,
326.320

 99, 75.572,
326.320

 19, 75.572,
326.320

 9, 75.572, 326.320

 0, 75.572, 326.320

59, 75.572,
326.320

59, 75.572,
326.320

56, 85.701,
326.636

63, 63.748,
325.923

53, 93.619,
326.852

67, 50.783,
325.465

51, 98.967,
326.956

72, 37.158,
324.966

50, 101.739,
326.949

77, 23.251,
324.442


50, 102.349,
326.935

83, 9.336, 323.898

88, 4.402, 143.465

94, 17.845,
142.911

97, 23.661,
142.422

 97, 23.519,
141.940

Harmonies

Complementary

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



59, 75.572, 326.320



78, 75.976, 138.997

Rectangle

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



59, 75.572, 326.320



59, 75.572, 16.320



59, 75.572, 146.320



59, 75.572, 196.320

Sweetspot

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



59, 75.570, 326.320



89, 26.907, 324.462



47, 69.791, 297.768



46, 18.008, 324.570



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, 75.570, 326.320



64, 98.791, 326.684



57, 56.390, 348.029



42, 7.768, 324.045



40, 85.737, 326.956



6, 32.758, 326.896

Inverse Universe

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



56, 53.400, 24.402



60, 74.247, 27.891



78, 54.034, 155.709



42, 4.550, 17.288



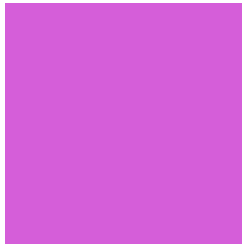
35, 75.972, 38.560



5, 21.976, 18.313

Previews

White Background



This preview shows how the CIELCh color 59, 75.572, 326.320 looks on a white background.

Color Contrast Check

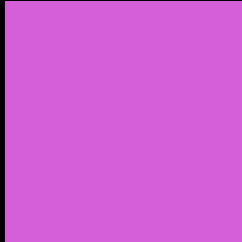
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.572, 326.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

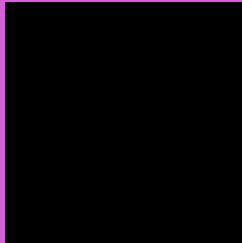
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 75.572, 326.320

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.572, 326.320.

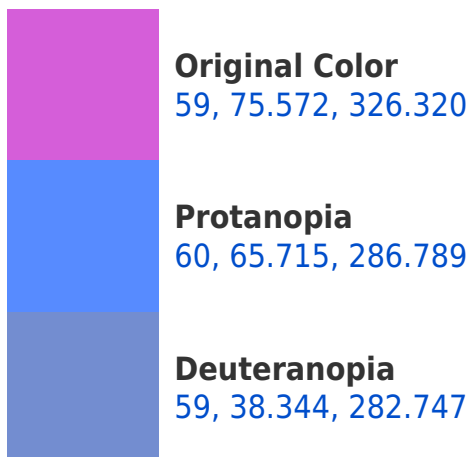


This preview shows how white text looks on a background with the CIELCh color 59, 75.572, 326.320.

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, 35.211, 16.434

Trichromacy



Original Color
59, 75.572, 326.320



Protanomaly
58, 67.047, 299.518



Deuteranomaly
58, 50.342, 305.123



Tritanomaly
59, 45.314, 347.650

Monochromacy



Original Color
59, 75.572, 326.320



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 30.071, 324.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.572, 326.320 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(213, 94, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 94, 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(213, 94, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 94, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.572, 326.320 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(213, 94, 217) }
```

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

```
.border{ border-color:rgb(213, 94, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 94, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 94, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 94, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 94,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.572, 326.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 94, 217) }
```

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

```
.background{ background-color: rgb(213, 94,  
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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