

Converting Colors

CIELCh(59, 72.641, 333.574)

Have a look what the booklet for
CIELCh(59, 72.641, 333.574)
contains.

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Color

CIELCh(59, 72.508, 333.458)

Conversions

Conversions Part 1

Format	Color
Hex	DF59C8
RGB	223, 89, 200
RGB Percent	87%, 35%, 78%
CMY	0.1252, 0.6507, 0.2154
CMYK	0.00, 0.60, 0.10, 0.13
HSL	310°, 68%, 61%
HSV	310°, 60%, 87%
XYZ	44.4632, 27.0277, 57.5556
YIQ	141.7200, 44.2330, 62.9290

Conversions

Conversions Part 2

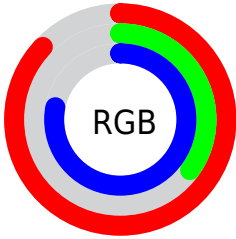
Format	Color
R _{YB}	223, 89, 200
Decimal	14637512
CIE _{Lab}	59.00, 64.87, -32.40
CIE _{LCh}	59, 72.508, 333.458
Y _{xy}	27.0277, 0.3446, 0.2094
Android (android.graphics.Color)	4292827592 (0xFFDF59C8)
YUV	141.7200, 28.7320, 71.2826
Hunter-Lab	51.9882, 61.6836, -29.2475

Details

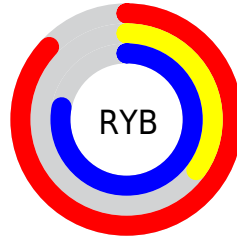
The CIELCh color **59, 72.508, 333.458** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **80, 73.552, 143.792**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **39, 72.713, 333.454** is the 20% darker color. If you saturate the color by 10%, you get **56, 80.894, 334.165**, and if you desaturate by 10%, it is **63, 62.243, 332.772**.

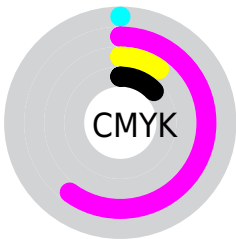
Distribution



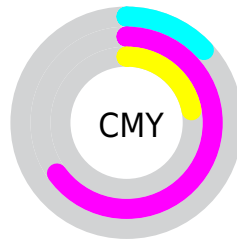
- Red (87%)
- Green (35%)
- Blue (78%)



- Red (87%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 72.508, 333.458 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, 72.508, 333.458 by changing the saturation by 10% instead.


 59, 72.508,
333.458

 59, 72.508,
333.458

 100, 72.508,
333.458

 49, 72.508,
333.458

 79, 72.508,
333.458

 39, 72.508,
333.458

 89, 72.508,
333.458

 29, 72.508,
333.458

 99, 72.508,
333.458

 19, 72.508,
333.458

 9, 72.508, 333.458

 0, 72.508, 333.458

59, 72.508,
333.458

59, 72.508,
333.458

56, 80.894,
334.165

63, 62.243,
332.772

53, 86.898,
334.909

67, 50.677,
332.099

52, 90.226,
335.717

72, 38.324,
331.438

51, 91.225,
336.603


78, 25.593,
330.788

83, 12.783,
330.147

89, 0.096, 326.175

95, 12.341,
149.008

97, 16.848,
151.088

 97, 15.413,
155.846

Harmonies

Complementary

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



59, 72.508, 333.458



80, 73.552, 143.792

Rectangle

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



59, 72.508, 333.458



59, 72.508, 23.458



59, 72.508, 153.458



59, 72.508, 203.458

Sweetspot

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



59, 72.505, 333.458



89, 25.571, 330.663



47, 78.504, 303.246



46, 17.782, 330.852



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, 72.505, 333.458



63, 91.401, 334.345



57, 56.253, 2.548



44, 7.240, 330.107



40, 76.564, 336.447



7, 31.986, 334.881

Inverse Universe

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



59, 72.505, 333.458



63, 91.401, 334.345



81, 48.375, 166.734



44, 7.240, 330.107



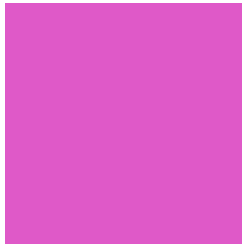
40, 76.564, 336.447



7, 31.986, 334.881

Previews

White Background



This preview shows how the CIELCh color 59, 72.508, 333.458 looks on a white background.

Color Contrast Check

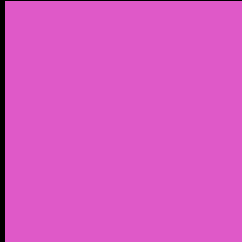
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.508, 333.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

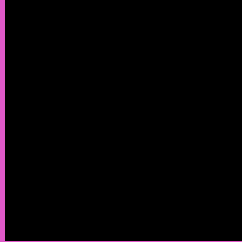
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 72.508, 333.458

Background



This preview shows how black text looks on a background with the CIELCh color 59, 72.508, 333.458.

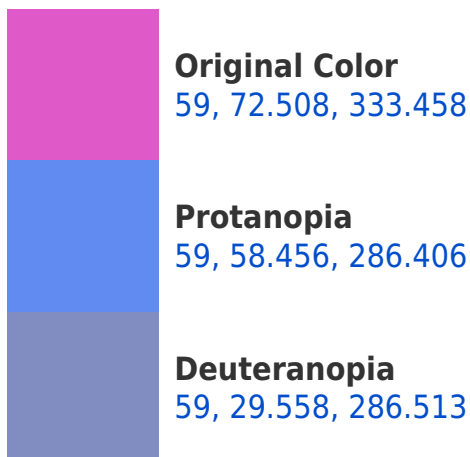


This preview shows how white text looks on a background with the CIELCh color 59, 72.508, 333.458.

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, 43.565, 19.801

Trichromacy



Original Color
59, 72.508, 333.458



Protanomaly
57, 60.740, 302.585



Deuteranomaly
57, 44.503, 313.127



Tritanomaly
59, 49.519, 356.399

Monochromacy



Original Color
59, 72.508, 333.458



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 28.940, 331.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 72.508, 333.458 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(223, 89, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 89, 200)  
}
```

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(223, 89, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 89, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 72.508, 333.458 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(223, 89, 200) }
```

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

```
.border{ border-color:rgb(223, 89, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 89, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 89, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 89, 200);  
box-shadow:4px 4px 4px 4px rgb(223, 89,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 72.508, 333.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 89, 200) }
```

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

```
.background{ background-color: rgb(223, 89,  
200) }
```

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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