

Converting Colors

CIELCh(59, 91.348, 326.915)

Have a look what the booklet for
CIELCh(59, 91.348, 326.915)
contains.

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Color

CIELCh(59, 91.356, 326.903)

Conversions

Conversions Part 1

Format	Color
Hex	E34AE7
RGB	227, 74, 231
RGB Percent	89%, 29%, 91%
CMY	0.1095, 0.7094, 0.0938
CMYK	0.02, 0.68, 0.00, 0.09
HSL	298°, 77%, 60%
HSV	298°, 68%, 91%
XYZ	48.5944, 27.0277, 78.3169
YIQ	137.6450, 40.7910, 81.2630

Conversions

Conversions Part 2

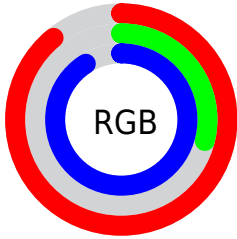
Format	Color
R _{YB}	227, 74, 231
Decimal	14895847
CIE Lab	59.00, 76.53, -49.89
CIE LCh	59, 91.356, 326.903
Yxy	27.0277, 0.3157, 0.1756
Android (android.graphics.Color)	4293085927 (0xFFE34AE7)
YUV	137.6450, 46.0240, 78.3643
Hunter-Lab	51.9882, 75.8681, -52.9248

Details

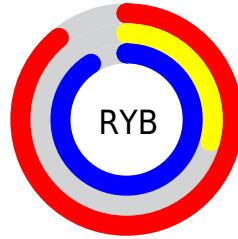
The CIELCh color **59, 91.356, 326.903** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **81, 92.599, 137.924**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **40, 87.312, 326.667** is the 20% darker color. If you saturate the color by 10%, you get **56, 99.288, 327.116**, and if you desaturate by 10%, it is **62, 81.002, 326.591**.

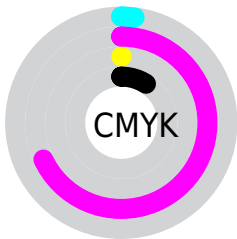
Distribution



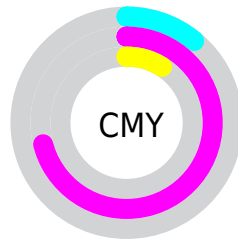
- Red (89%)
- Green (29%)
- Blue (91%)



- Red (89%)
- Yellow (29%)
- Blue (91%)



- Cyan (2%)
- Magenta (68%)
- Yellow (0%)
- Black (9%)





- Cyan (11%)
- Magenta (71%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 91.356, 326.903 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, 91.356, 326.903 by changing the saturation by 10% instead.


 59, 91.356,
326.903


 59, 91.356,
326.903


 100, 91.356,
326.903


 49, 91.356,
326.903


 79, 91.356,
326.903

 39, 91.356,
326.903

 89, 91.356,
326.903

 29, 91.356,
326.903

 99, 91.356,
326.903

 19, 91.356,
326.903

 9, 91.356, 326.903

 0, 91.356, 326.903

59, 91.356,
326.903

59, 91.356,
326.903

56, 99.288,
327.116

62, 81.002,
326.591

55, 104.475,
327.220

66, 68.767,
326.196

54, 107.023,
327.220

71, 55.235,
325.738

54, 107.397,
327.215

76, 40.929,
325.236

81, 26.270,
324.708

87, 11.567,
324.162

93, 2.971, 143.751

98, 14.774,
143.135

■ 98, 14.657,
142.484

Harmonies

Complementary

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



59, 91.356, 326.903



81, 92.599, 137.924

Rectangle

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



59, 91.356, 326.903



59, 91.356, 16.903



59, 91.356, 146.903



59, 91.356, 196.903

Sweetspot

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



59, 91.353, 326.903



88, 31.747, 324.825



43, 89.598, 300.414



45, 21.666, 324.975



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, 91.353, 326.903



61, 109.860, 327.176



56, 68.292, 350.065



45, 8.240, 324.246



42, 88.530, 327.231



8, 37.143, 327.385

Inverse Universe

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



55, 68.698, 28.234



56, 89.960, 33.555



82, 66.127, 153.832



45, 4.816, 17.874



37, 78.855, 38.924



6, 27.020, 20.711

Previews

White Background



This preview shows how the CIELCh color 59, 91.356, 326.903 looks on a white background.

Color Contrast Check

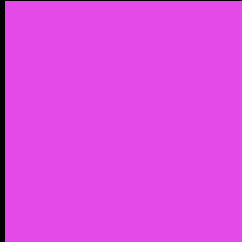
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.356, 326.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

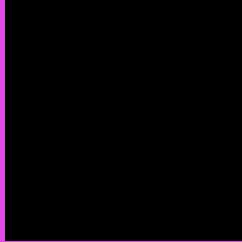
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 91.356, 326.903

Background



This preview shows how black text looks on a background with the CIELCh color 59, 91.356, 326.903.

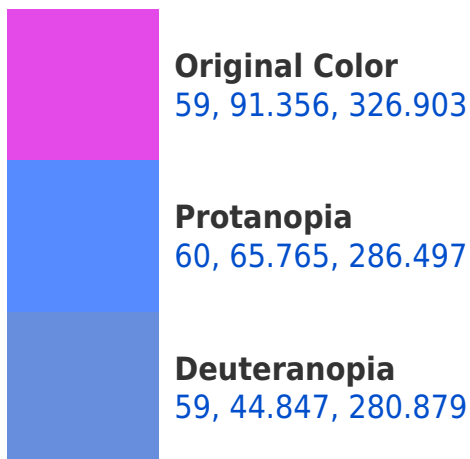


This preview shows how white text looks on a background with the CIELCh color 59, 91.356, 326.903.

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, 43.952, 19.233

Trichromacy



Original Color
59, 91.356, 326.903



Protanomaly
56, 74.694, 302.364



Deuteranomaly
56, 61.707, 304.827



Tritanomaly
58, 55.252, 349.429

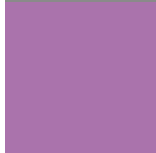
Monochromacy



Original Color
59, 91.356, 326.903



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 38.024, 325.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 91.356, 326.903 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(227, 74, 231)` looks like.

```
.text, #text, p{  
    color:rgb(227, 74, 231)  
}
```

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(227, 74, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 74, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 91.356, 326.903 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(227, 74, 231) }
```

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

```
.border{ border-color:rgb(227, 74, 231) }
```

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

Here you see how a box with a 4 pixel rgb(227, 74, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 74, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 74, 231);  
box-shadow:4px 4px 4px 4px rgb(227, 74,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 91.356, 326.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 74, 231) }
```

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

```
.background{ background-color: rgb(227, 74,  
231) }
```

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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