

Converting Colors

CIELCh(59, 85.232, 330.545)

Have a look what the booklet for
CIELCh(59, 85.232, 330.545)
contains.

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Color

CIELCh(59, 85.322, 330.534)

Conversions

Conversions Part 1

Format	Color
Hex	E64CD9
RGB	230, 76, 217
RGB Percent	90%, 30%, 85%
CMY	0.0977, 0.7016, 0.1488
CMYK	0.00, 0.67, 0.06, 0.10
HSL	305°, 76%, 60%
HSV	305°, 67%, 90%
XYZ	47.7794, 27.0277, 68.3906
YIQ	138.1200, 46.5230, 76.4990

Conversions

Conversions Part 2

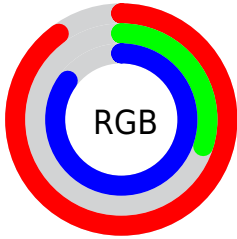
Format	Color
R _{YB}	230, 76, 217
Decimal	15092953
CIE _{Lab}	59.00, 74.29, -41.97
CIE _{LCh}	59, 85.322, 330.534
Y _{xy}	27.0277, 0.3337, 0.1887
Android (android.graphics.Color)	4293283033 (0xFFE64CD9)
YUV	138.1200, 38.8878, 80.5788
Hunter-Lab	51.9882, 73.0697, -41.6044

Details

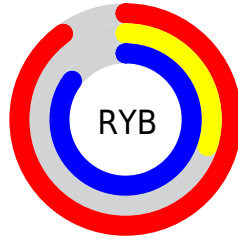
The CIELCh color **59, 85.322, 330.534** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **81, 87.361, 140.387**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **40, 82.218, 330.429** is the 20% darker color. If you saturate the color by 10%, you get **56, 92.794, 330.998**, and if you desaturate by 10%, it is **62, 75.492, 330.033**.

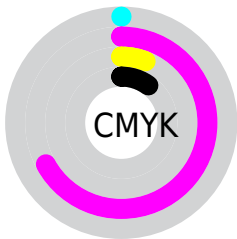
Distribution



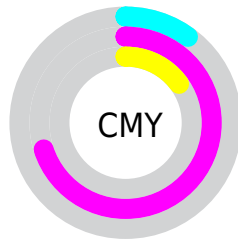
- Red (90%)
- Green (30%)
- Blue (85%)



- Red (90%)
- Yellow (30%)
- Blue (85%)



- Cyan (0%)
- Magenta (67%)
- Yellow (6%)
- Black (10%)





- Cyan (10%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 85.322, 330.534 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, 85.322, 330.534 by changing the saturation by 10% instead.


 59, 85.322,
330.534


 59, 85.322,
330.534


 100, 85.322,
330.534


 49, 85.322,
330.534


 79, 85.322,
330.534

 39, 85.322,
330.534

 89, 85.322,
330.534

 29, 85.322,
330.534

 99, 85.322,
330.534

 19, 85.322,
330.534

 9, 85.322, 330.534

 0, 85.322, 330.534

59, 85.322,
330.534

59, 85.322,
330.534

56, 92.794,
330.998

62, 75.492,
330.033

55, 97.556,
331.428

67, 63.856,
329.498

54, 99.625,
331.840

71, 50.989,
328.936

54, 99.970,
331.964

76, 37.403,
328.357

82, 23.500,
327.769

87, 9.572, 327.171

93, 4.187, 146.709

98, 14.494,
146.746

■ 98, 13.711,
149.225

Harmonies

Complementary

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



59, 85.322, 330.534



81, 87.361, 140.387

Rectangle

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



59, 85.322, 330.534



59, 85.322, 20.534



59, 85.322, 150.534



59, 85.322, 200.534

Sweetspot

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



59, 85.319, 330.534



88, 30.199, 327.957



43, 90.597, 302.626



45, 20.609, 328.123



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, 85.319, 330.534



61, 102.457, 331.153



56, 64.365, 358.090



45, 7.840, 327.325



42, 82.772, 331.898



8, 35.090, 331.288

Inverse Universe

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



59, 85.319, 330.534



61, 102.457, 331.153



82, 58.381, 160.262



45, 7.840, 327.325



42, 82.772, 331.898



8, 35.090, 331.288

Previews

White Background



This preview shows how the CIELCh color 59, 85.322, 330.534 looks on a white background.

Color Contrast Check

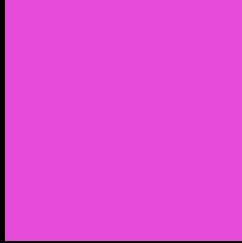
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 59, 85.322, 330.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

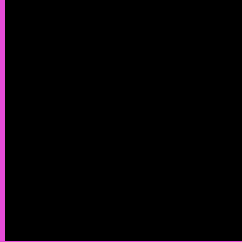
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 85.322, 330.534

Background



This preview shows how black text looks on a background with the CIELCh color 59, 85.322, 330.534.

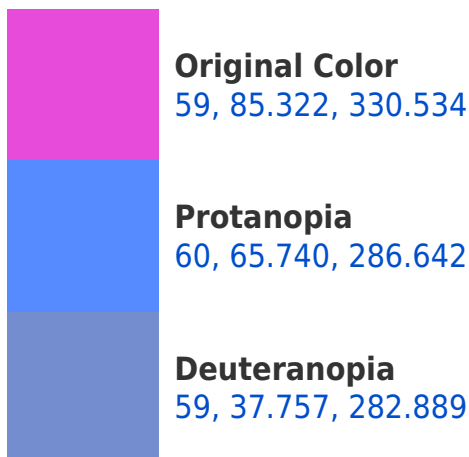


This preview shows how white text looks on a background with the CIELCh color 59, 85.322, 330.534.

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, 47.439, 20.221

Trichromacy



Original Color
59, 85.322, 330.534



Protanomaly
56, 71.393, 302.380



Deuteranomaly
57, 55.092, 308.981



Tritanomaly
58, 55.435, 354.087

Monochromacy



Original Color
59, 85.322, 330.534



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 35.973, 328.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 85.322, 330.534 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(230, 76, 217)` looks like.

```
.text, #text, p{  
    color:rgb(230, 76, 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(230, 76, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 76, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 85.322, 330.534 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(230, 76, 217) }
```

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

```
.border{ border-color:rgb(230, 76, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 76, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 76, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 76, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 76,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 85.322, 330.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 76, 217) }
```

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

```
.background{ background-color: rgb(230, 76,  
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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