

Converting Colors

CIELCh(61, 83.403, 327.873)

Have a look what the booklet for
CIELCh(61, 83.403, 327.873)
contains.

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Color

CIELCh(61, 83.403, 327.933)

Conversions

Conversions Part 1

Format	Color
Hex	E559E3
RGB	229, 89, 227
RGB Percent	90%, 35%, 89%
CMY	0.1030, 0.6520, 0.1108
CMYK	0.00, 0.61, 0.01, 0.10
HSL	301°, 73%, 62%
HSV	301°, 61%, 90%
XYZ	49.6098, 29.2481, 75.5215
YIQ	146.5920, 39.1420, 72.5980

Conversions

Conversions Part 2

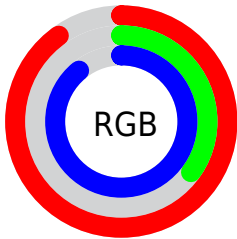
Format	Color
R _{YB}	229, 89, 227
Decimal	15030755
CIE _{Lab}	61.00, 70.68, -44.28
CIE _{LCh}	61, 83.403, 327.933
Y _{xy}	29.2481, 0.3213, 0.1895
Android (android.graphics.Color)	4293220835 (0xFFE559E3)
Y _{UV}	146.5920, 39.6411, 72.2718
Hunter-Lab	54.0815, 69.0980, -44.9377

Details

The CIELCh color **61, 83.403, 327.933** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **81, 84.474, 139.386**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **41, 83.337, 327.902** is the 20% darker color. If you saturate the color by 10%, you get **58, 92.738, 328.275**, and if you desaturate by 10%, it is **65, 71.982, 327.518**.

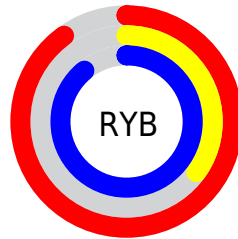
Distribution



Red (90%)

Green (35%)

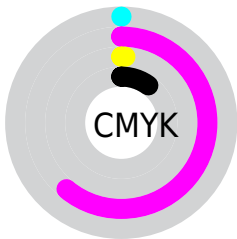
Blue (89%)



Red (90%)

Yellow (35%)

Blue (89%)

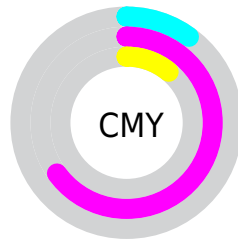


Cyan (0%)

Magenta (61%)

Yellow (1%)

Black (10%)



Cyan (10%)


Magenta (65%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 83.403, 327.933 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 61, 83.403, 327.933 by changing the saturation by 10% instead.


 61, 83.403,
327.933


 61, 83.403,
327.933


 100, 83.403,
327.933


 51, 83.403,
327.933


 81, 83.403,
327.933

 41, 83.403,
327.933

 91, 83.403,
327.933

 31, 83.403,
327.933

 21, 83.403,
327.933

 11, 83.403,
327.933

 1, 83.403, 327.933

 0, 83.403, 327.933

61, 83.403,
327.933

61, 83.403,
327.933

58, 92.738,
328.275

65, 71.982,
327.518

56, 99.531,
328.534

69, 59.050,
327.044

55, 103.583,
328.711

74, 45.153,
326.528

54, 105.258,
328.812

79, 30.752,
325.984

84, 16.197,
325.422

90, 1.733, 324.721

96, 12.477,
144.368

98, 16.134,
144.463

■ 98, 15.998,
144.801

Harmonies

Complementary

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



61, 83.403, 327.933



81, 84.474, 139.386

Rectangle

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



61, 83.403, 327.933



61, 83.403, 17.933



61, 83.403, 147.933



61, 83.403, 197.933

Sweetspot

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



61, 83.400, 327.933



89, 28.500, 325.812



45, 82.191, 299.945



46, 19.814, 325.974



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 83.400, 327.933



64, 102.583, 328.340



58, 61.665, 350.955



45, 8.227, 325.322



42, 87.454, 328.802



8, 36.762, 328.713

Inverse Universe

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



61, 83.400, 327.933



64, 102.583, 328.340



82, 58.433, 156.641



45, 8.227, 325.322



42, 87.454, 328.802



8, 36.762, 328.713

Previews

White Background



This preview shows how the CIELCh color 61, 83.403, 327.933 looks on a white background.

Color Contrast Check

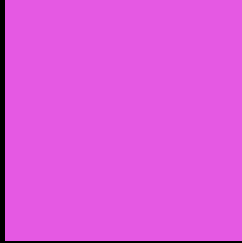
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 83.403, 327.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

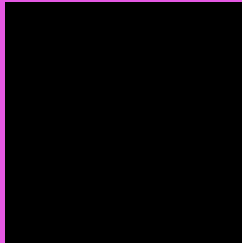
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 83.403, 327.933

Background



This preview shows how black text looks on a background with the CIELCh color 61, 83.403, 327.933.

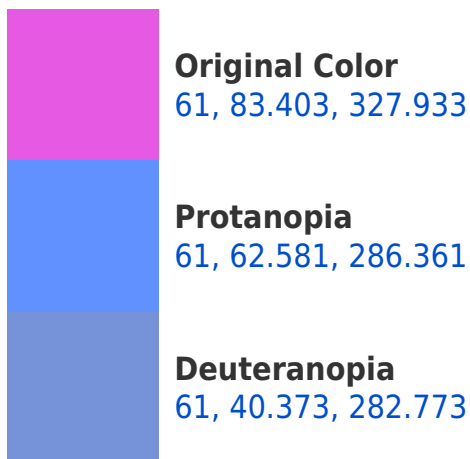


This preview shows how white text looks on a background with the CIELCh color 61, 83.403, 327.933.

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
61, 41.832, 17.734

Trichromacy



Original Color
61, 83.403, 327.933



Protanomaly
59, 68.625, 301.987



Deuteranomaly
59, 55.371, 306.361



Tritanomaly
60, 51.535, 349.833

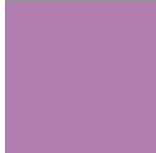
Monochromacy



Original Color
61, 83.403, 327.933



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 33.806, 326.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 83.403, 327.933 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(229, 89, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 89, 227)  
}
```

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(229, 89, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 89, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 83.403, 327.933 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(229, 89, 227) }
```

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

```
.border{ border-color:rgb(229, 89, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 89, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 89, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 89, 227);  
box-shadow:4px 4px 4px 4px rgb(229, 89,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 83.403, 327.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 89, 227) }
```

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

```
.background{ background-color: rgb(229, 89,  
227) }
```

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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