

Converting Colors

CIELCh(61, 82.785, 327.457)

Have a look what the booklet for
CIELCh(61, 82.785, 327.457)
contains.

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Color

CIELCh(61, 82.779, 327.466)

Conversions

Conversions Part 1

Format	Color
Hex	E35AE3
RGB	227, 90, 227
RGB Percent	89%, 35%, 89%
CMY	0.1092, 0.6464, 0.1092
CMYK	0.00, 0.60, 0.00, 0.11
HSL	300°, 71%, 62%
HSV	300°, 60%, 89%
XYZ	49.2817, 29.2481, 75.8278
YIQ	146.5810, 37.6750, 71.6510

Conversions

Conversions Part 2

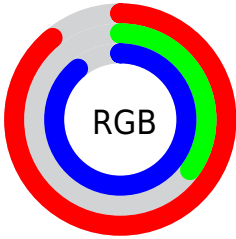
Format	Color
R _{YB}	227, 90, 227
Decimal	14899939
CIE _{Lab}	61.00, 69.79, -44.52
CIE _{LCh}	61, 82.779, 327.466
Yxy	29.2481, 0.3193, 0.1895
Android (android.graphics.Color)	4293090019 (0xFFE35AE3)
YUV	146.5810, 39.6466, 70.5275
Hunter-Lab	54.0815, 68.0152, -45.2735

Details

The CIELCh color **61, 82.779, 327.466** 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, 83.700, 139.161**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.203, 326.690**, and **41, 82.793, 327.403** is the 20% darker color. If you saturate the color by 10%, you get **58, 92.376, 327.791**, and if you desaturate by 10%, it is **65, 71.150, 327.063**.

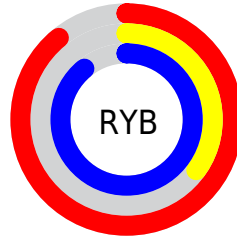
Distribution



Red (89%)

Green (35%)

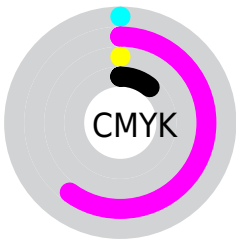
Blue (89%)



Red (89%)

Yellow (35%)

Blue (89%)

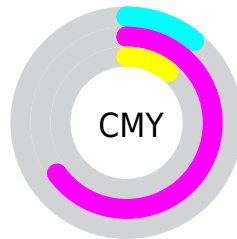


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 82.779, 327.466 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, 82.779, 327.466 by changing the saturation by 10% instead.

 61, 82.779,
327.466

 61, 82.779,
327.466

 100, 82.779,
327.466

 51, 82.779,
327.466

 81, 82.779,
327.466

 41, 82.779,
327.466

 91, 82.779,
327.466

 31, 82.779,
327.466

 21, 82.779,
327.466

 11, 82.779,
327.466

 1, 82.779, 327.466

 0, 82.779, 327.466

61, 82.779,
327.466

61, 82.779,
327.466

58, 92.376,
327.791

65, 71.150,
327.063

56, 99.477,
328.026

69, 58.062,
326.598

55, 103.858,
328.169

74, 44.052,
326.088

54, 105.890,
328.235

79, 29.571,
325.549

84, 14.959,
324.991

90, 0.456, 323.838

96, 13.783,
143.943

97, 17.384,
143.804

■ 97, 17.383,
143.805

Harmonies

Complementary

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



61, 82.779, 327.466



81, 83.700, 139.161

Rectangle

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



61, 82.779, 327.466



61, 82.779, 17.466



61, 82.779, 147.466



61, 82.779, 197.466

Sweetspot

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



61, 82.776, 327.466



89, 28.773, 325.428



46, 80.425, 299.741



46, 20.003, 325.589



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, 82.776, 327.466



64, 102.723, 327.849



58, 60.598, 350.784



45, 8.306, 324.942



42, 88.424, 328.235



9, 37.106, 328.234

Inverse Universe

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



61, 82.776, 327.466



64, 102.723, 327.849



82, 57.398, 156.789



45, 8.306, 324.942



42, 88.424, 328.235



9, 37.106, 328.234

Previews

White Background



This preview shows how the CIELCh color 61, 82.779, 327.466 looks on a white background.

Color Contrast Check

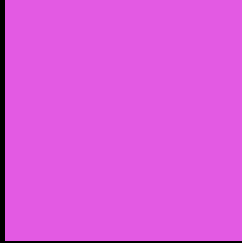
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.779, 327.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

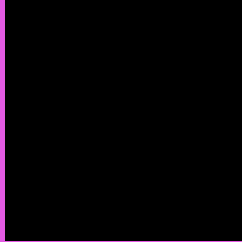
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 82.779, 327.466

Background



This preview shows how black text looks on a background with the CIELCh color 61, 82.779, 327.466.

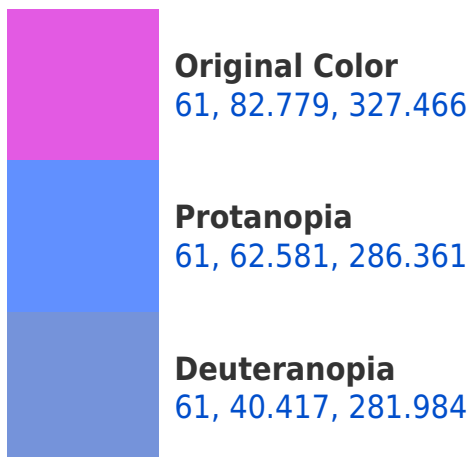


This preview shows how white text looks on a background with the CIELCh color 61, 82.779, 327.466.

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, 40.544, 17.324

Trichromacy



Original Color
61, 82.779, 327.466



Protanomaly
59, 68.619, 301.759



Deuteranomaly
59, 54.698, 305.782



Tritanomaly
60, 50.451, 349.421

Monochromacy



Original Color
61, 82.779, 327.466



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 33.588, 325.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 82.779, 327.466 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, 90, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 90, 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(227, 90, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 90, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 82.779, 327.466 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, 90, 227) }
```

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

```
.border{ border-color:rgb(227, 90, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 90, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 90, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 90, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 90,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 82.779, 327.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 90, 227) }
```

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

```
.background{ background-color: rgb(227, 90,  
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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