

Converting Colors

CIELCh(61, 79.619, 328.847)

Have a look what the booklet for
CIELCh(61, 79.619, 328.847)
contains.

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Color

CIELCh(61, 79.447, 328.820)

Conversions

Conversions Part 1

Format	Color
Hex	E35CDD
RGB	227, 92, 221
RGB Percent	89%, 36%, 87%
CMY	0.1094, 0.6388, 0.1329
CMYK	0.00, 0.59, 0.03, 0.11
HSL	303°, 71%, 63%
HSV	303°, 59%, 89%
XYZ	48.6156, 29.2481, 71.5646
YIQ	147.0710, 39.0510, 68.7390

Conversions

Conversions Part 2

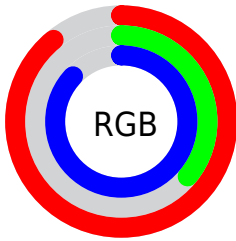
Format	Color
R _Y B	227, 92, 221
Decimal	14900445
CIE Lab	61.00, 67.97, -41.13
CIE LCh	61, 79.447, 328.820
Yxy	29.2481, 0.3253, 0.1957
Android (android.graphics.Color)	4293090525 (0xFFE35CDD)
YUV	147.0710, 36.4470, 70.0977
Hunter-Lab	54.0815, 65.8164, -40.5997

Details

The CIELCh color **61, 79.447, 328.820** 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, 80.492, 140.340**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **41, 79.323, 328.817** is the 20% darker color. If you saturate the color by 10%, you get **58, 88.920, 329.230**, and if you desaturate by 10%, it is **65, 68.016, 328.353**.

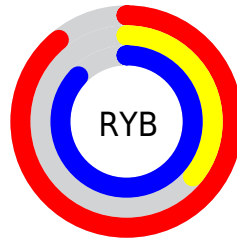
Distribution



Red (89%)

Green (36%)

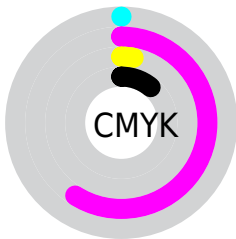
Blue (87%)



Red (89%)

Yellow (36%)

Blue (87%)

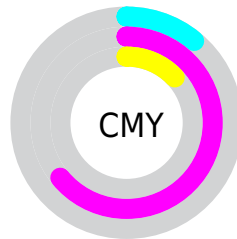


Cyan (0%)

Magenta (59%)

Yellow (3%)

Black (11%)



Cyan (11%)


Magenta (64%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 79.447, 328.820 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, 79.447, 328.820 by changing the saturation by 10% instead.


 61, 79.447,
328.820


 61, 79.447,
328.820


 100, 79.447,
328.820


 51, 79.447,
328.820


 81, 79.447,
328.820

 41, 79.447,
328.820

 91, 79.447,
328.820

 31, 79.447,
328.820

 21, 79.447,
328.820

 11, 79.447,
328.820

 1, 79.447, 328.820

 0, 79.447, 328.820

61, 79.447,
328.820

61, 79.447,
328.820

58, 88.920,
329.230

65, 68.016,
328.353

56, 95.943,
329.577

69, 55.205,
327.841

54, 100.248,
329.862

74, 41.542,
327.298

53, 102.124,
330.096

79, 27.461,
326.735


53, 102.204,
330.109

85, 13.283,
326.160

91, 0.770, 146.007

96, 14.553,
145.098

97, 16.543,
145.855

 97, 16.128,
146.931

Harmonies

Complementary

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



61, 79.447, 328.820



81, 80.492, 140.340

Rectangle

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



61, 79.447, 328.820



61, 79.447, 18.820



61, 79.447, 148.820



61, 79.447, 198.820

Sweetspot

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



61, 79.444, 328.820



89, 27.921, 326.660



47, 79.059, 300.218



46, 19.412, 326.826



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, 79.444, 328.820



64, 98.828, 329.306



58, 58.983, 352.838



45, 8.059, 326.161



42, 85.406, 330.078



8, 36.032, 329.782

Inverse Universe

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



61, 79.444, 328.820



64, 98.828, 329.306



82, 55.012, 158.686



45, 8.059, 326.161



42, 85.406, 330.078



8, 36.032, 329.782

Previews

White Background



This preview shows how the CIELCh color 61, 79.447, 328.820 looks on a white background.

Color Contrast Check

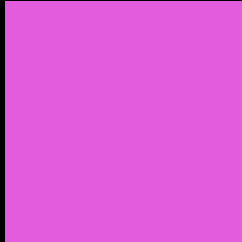
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 79.447, 328.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

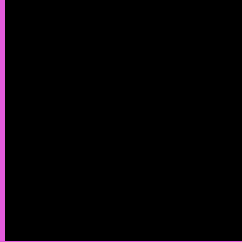
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 79.447, 328.820

Background



This preview shows how black text looks on a background with the CIELCh color 61, 79.447, 328.820.

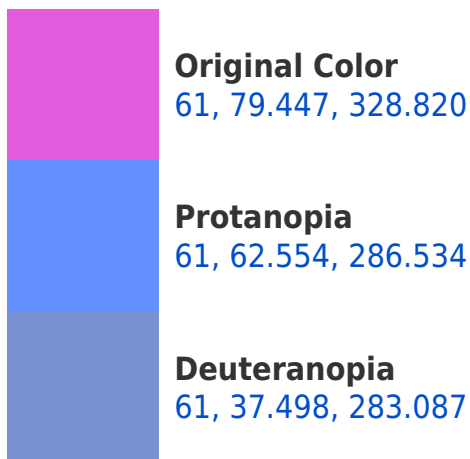


This preview shows how white text looks on a background with the CIELCh color 61, 79.447, 328.820.

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, 40.955, 17.449

Trichromacy



Original Color
61, 79.447, 328.820



Protanomaly
59, 66.929, 301.761



Deuteranomaly
59, 51.615, 307.400



Tritanomaly
61, 49.757, 351.096

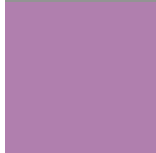
Monochromacy



Original Color
61, 79.447, 328.820



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 32.031, 327.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 79.447, 328.820 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, 92, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 92, 221)  
}
```

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, 92, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 92, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 79.447, 328.820 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, 92, 221) }
```

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

```
.border{ border-color:rgb(227, 92, 221) }
```

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

Here you see how a box with a 4 pixel rgb(227, 92, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 92, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 92, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 92,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 79.447, 328.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 92, 221) }
```

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

```
.background{ background-color: rgb(227, 92,  
221) }
```

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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