

Converting Colors

CIELCh(60, 81.623, 328.527)

Have a look what the booklet for
CIELCh(60, 81.623, 328.527)
contains.

CIELCh(60, 81.639, 328.401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 81.639, 328.401)

Conversions

Conversions Part 1

Format	Color
Hex	E157DD
RGB	225, 87, 221
RGB Percent	88%, 34%, 87%
CMY	0.1168, 0.6580, 0.1325
CMYK	0.00, 0.61, 0.02, 0.12
HSL	302°, 70%, 61%
HSV	302°, 61%, 88%
XYZ	47.6209, 28.1233, 71.4663
YIQ	143.5380, 39.2340, 70.9300

Conversions

Conversions Part 2

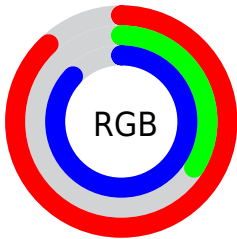
Format	Color
R _Y B	225, 87, 221
Decimal	14768093
CIE Lab	60.00, 69.53, -42.78
CIE LCh	60, 81.639, 328.401
Yxy	28.1233, 0.3235, 0.1910
Android (android.graphics.Color)	4292958173 (0xFFE157DD)
YUV	143.5380, 38.1888, 71.4422
Hunter-Lab	53.0314, 67.4834, -42.7785

Details

The CIELCh color **60, 81.639, 328.401** 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 **80, 82.773, 139.740**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.933, 326.747**, and **40, 81.483, 328.397** is the 20% darker color. If you saturate the color by 10%, you get **57, 90.749, 328.770**, and if you desaturate by 10%, it is **64, 70.478, 327.966**.

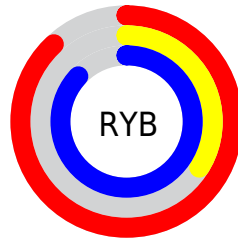
Distribution



Red (88%)

Green (34%)

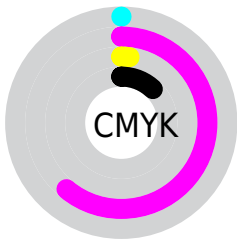
Blue (87%)



Red (88%)

Yellow (34%)

Blue (87%)

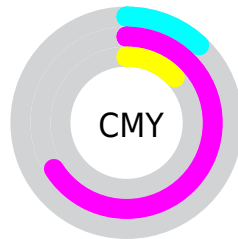


Cyan (0%)

Magenta (61%)

Yellow (2%)

Black (12%)



Cyan (12%)


Magenta (66%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 81.639, 328.401 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 60, 81.639, 328.401 by changing the saturation by 10% instead.


 60, 81.639,
328.401


 60, 81.639,
328.401


 100, 81.639,
328.401


 50, 81.639,
328.401


 80, 81.639,
328.401

 40, 81.639,
328.401

 90, 81.639,
328.401

 30, 81.639,
328.401

 20, 81.639,
328.401

 10, 81.639,
328.401

 0, 81.639, 328.401

 60, 81.639,

 60, 81.639,

328.401

57, 90.749,
328.770

55, 97.354,
329.066

54, 101.252,
329.288

53, 102.814,
329.437

328.401

64, 70.478,
327.966

68, 57.834,
327.478

73, 44.247,
326.951

78, 30.167,
326.400

83, 15.936,
325.834

89, 1.796, 325.135

95, 12.097,
144.775

97, 18.090,
144.859

■ 97, 17.818,
145.477

Harmonies

Complementary

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



60, 81.639, 328.401



80, 82.773, 139.740

Rectangle

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



60, 81.639, 328.401



60, 81.639, 18.401



60, 81.639, 148.401



60, 81.639, 198.401

Sweetspot

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



60, 81.636, 328.401



89, 28.215, 326.223



45, 81.212, 300.264



46, 19.616, 326.388



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 81.636, 328.401



63, 102.348, 328.874



57, 60.506, 352.068



44, 7.995, 325.728



41, 85.528, 329.417



8, 35.237, 329.212

Inverse Universe

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



60, 81.636, 328.401



63, 102.348, 328.874



81, 56.902, 157.504



44, 7.995, 325.728



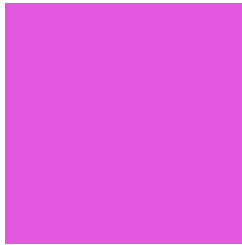
41, 85.528, 329.417



8, 35.237, 329.212

Previews

White Background



This preview shows how the CIELCh color 60, 81.639, 328.401 looks on a white background.

Color Contrast Check

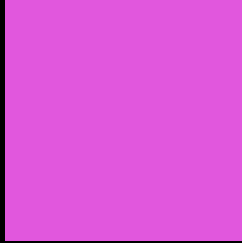
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 81.639, 328.401 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 60, 81.639, 328.401

Background



This preview shows how black text looks on a background with the CIELCh color 60, 81.639, 328.401.

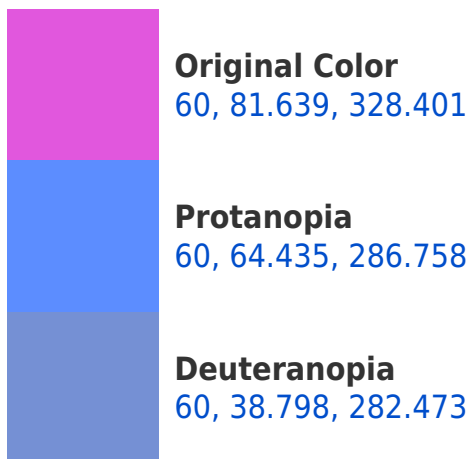


This preview shows how white text looks on a background with the CIELCh color 60, 81.639, 328.401.

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
60, 41.596, 18.453

Trichromacy



Original Color
60, 81.639, 328.401



Protanomaly
58, 69.380, 301.609



Deuteranomaly
58, 53.347, 306.770



Tritanomaly
59, 50.862, 350.714

Monochromacy



Original Color
60, 81.639, 328.401



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 33.430, 327.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 81.639, 328.401 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(225, 87, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 87, 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(225, 87, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 87, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 81.639, 328.401 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(225, 87, 221) }
```

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

```
.border{ border-color:rgb(225, 87, 221) }
```

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

Here you see how a box with a 4 pixel rgb(225, 87, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 87, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 87, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 87,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 81.639, 328.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 87, 221) }
```

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

```
.background{ background-color: rgb(225, 87,  
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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