

Converting Colors

CIELCh(60, 81.502, 334.550)

Have a look what the booklet for
CIELCh(60, 81.502, 334.550)
contains.

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Color

CIELCh(60, 81.489, 334.443)

Conversions

Conversions Part 1

Format	Color
Hex	ED4FD0
RGB	237, 79, 208
RGB Percent	93%, 31%, 82%
CMY	0.0709, 0.6905, 0.1846
CMYK	0.00, 0.67, 0.12, 0.07
HSL	311°, 81%, 62%
HSV	311°, 67%, 93%
XYZ	49.0674, 28.1233, 62.4714
YIQ	140.9480, 52.7590, 73.6150

Conversions

Conversions Part 2

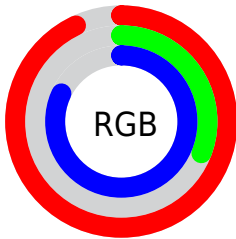
Format	Color
R _Y B	237, 79, 208
Decimal	15552464
CIE Lab	60.00, 73.52, -35.16
CIE LCh	60, 81.489, 334.443
Yxy	28.1233, 0.3513, 0.2014
Android (android.graphics.Color)	4293742544 (0xFFED4FD0)
YUV	140.9480, 33.0566, 84.2376
Hunter-Lab	53.0314, 72.3523, -32.7220

Details

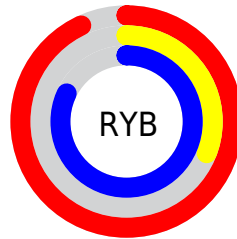
The CIELCh color **60, 81.489, 334.443** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **84, 83.539, 143.155**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.342, 326.858**, and **41, 79.051, 334.463** is the 20% darker color. If you saturate the color by 10%, you get **57, 88.556, 335.218**, and if you desaturate by 10%, it is **64, 72.064, 333.711**.

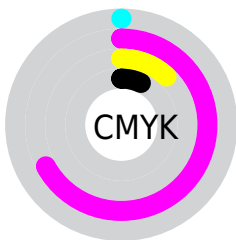
Distribution



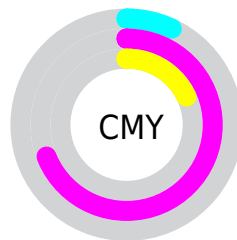
- Red (93%)
- Green (31%)
- Blue (82%)



- Red (93%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (69%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 81.489, 334.443 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, 81.489, 334.443 by changing the saturation by 10% instead.


 60, 81.489,
334.443


 60, 81.489,
334.443


 100, 81.489,
334.443

 50, 81.489,
334.443


 80, 81.489,
334.443

 40, 81.489,
334.443

 90, 81.489,
334.443

 30, 81.489,
334.443

 20, 81.489,
334.443

 10, 81.489,
334.443

 0, 81.489, 334.443

 60, 81.489,

 60, 81.489,

334.443

334.443

■ 57, 88.556,
335.218

■ 64, 72.064,
333.711

■ 55, 92.869,
336.062

■ 68, 60.870,
333.004

■ 54, 94.400,
337.009

■ 73, 48.497,
332.316

■ 54, 94.560,
337.341

■ 78, 35.454,
331.643

■ 84, 22.136,
330.985

■ 90, 8.819, 330.331

■ 96, 4.316, 149.843

■ 98, 8.955, 154.662

■ 99, 7.521, 166.521

Harmonies

Complementary

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



60, 81.489, 334.443



84, 83.539, 143.155

Rectangle

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



60, 81.489, 334.443



60, 81.489, 24.443



60, 81.489, 154.443



60, 81.489, 204.443

Sweetspot

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



60, 81.486, 334.443



88, 28.194, 331.207



45, 91.961, 304.550



45, 19.244, 331.392



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, 81.486, 334.443



60, 95.628, 335.515



57, 64.461, 5.725



46, 7.447, 330.515



41, 77.487, 337.154



9, 33.864, 335.621

Inverse Universe

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



60, 81.486, 334.443



60, 95.628, 335.515



85, 54.086, 166.799



46, 7.447, 330.515



41, 77.487, 337.154



9, 33.864, 335.621

Previews

White Background



This preview shows how the CIELCh color 60, 81.489, 334.443 looks on a white background.

Color Contrast Check

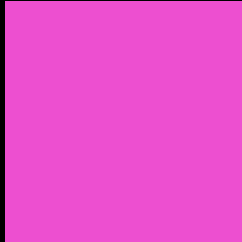
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 81.489, 334.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

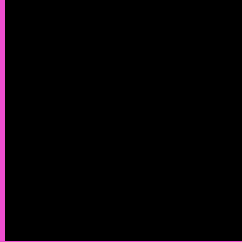
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 81.489, 334.443

Background



This preview shows how black text looks on a background with the CIELCh color 60, 81.489, 334.443.

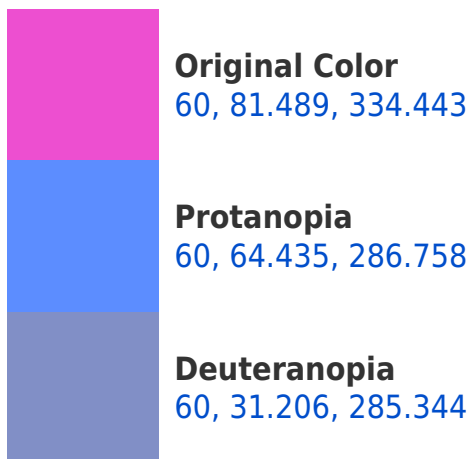


This preview shows how white text looks on a background with the CIELCh color 60, 81.489, 334.443.

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, 51.199, 21.149

Trichromacy



Original Color
60, 81.489, 334.443



Protanomaly
57, 68.583, 303.536



Deuteranomaly
58, 49.190, 313.825



Tritanomaly
59, 57.197, 358.353

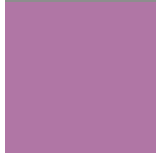
Monochromacy



Original Color
60, 81.489, 334.443



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 34.175, 332.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 81.489, 334.443 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(237, 79, 208)` looks like.

```
.text, #text, p{  
    color:rgb(237, 79, 208)  
}
```

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(237, 79, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 79, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 81.489, 334.443 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(237, 79, 208) }
```

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

```
.border{ border-color:rgb(237, 79, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 79, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 79, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 79, 208);  
box-shadow:4px 4px 4px 4px rgb(237, 79,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 81.489, 334.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 79, 208) }
```

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

```
.background{ background-color: rgb(237, 79,  
208) }
```

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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