

Converting Colors

CIELCh(60, 80.105, 332.043)

Have a look what the booklet for
CIELCh(60, 80.105, 332.043)
contains.

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Color

CIELCh(60, 80.128, 332.028)

Conversions

Conversions Part 1

Format	Color
Hex	E754D4
RGB	231, 84, 212
RGB Percent	91%, 33%, 83%
CMY	0.0937, 0.6701, 0.1682
CMYK	0.00, 0.64, 0.08, 0.09
HSL	308°, 75%, 62%
HSV	308°, 64%, 91%
XYZ	48.0656, 28.1233, 65.2499
YIQ	142.5450, 46.5240, 70.9720

Conversions

Conversions Part 2

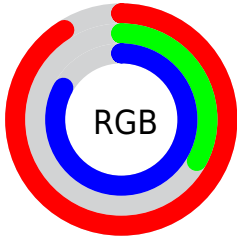
Format	Color
R _Y B	231, 84, 212
Decimal	15160532
CIE Lab	60.00, 70.77, -37.58
CIE LCh	60, 80.128, 332.028
Yxy	28.1233, 0.3398, 0.1988
Android (android.graphics.Color)	4293350612 (0xFFE754D4)
YUV	142.5450, 34.2413, 77.5750
Hunter-Lab	53.0314, 68.9802, -35.8284

Details

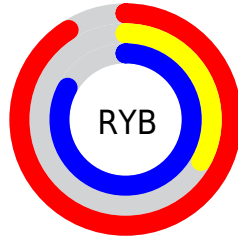
The CIELCh color **60, 80.128, 332.028** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **82, 81.764, 142.040**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 69.646, 326.803**, and **40, 80.129, 332.018** is the 20% darker color. If you saturate the color by 10%, you get **57, 88.169, 332.622**, and if you desaturate by 10%, it is **64, 69.914, 331.428**.

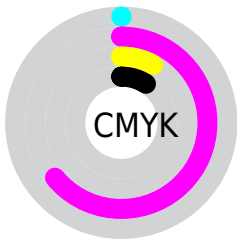
Distribution



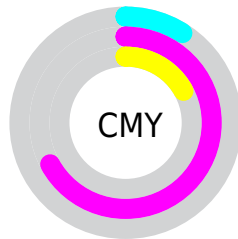
- Red (91%)
- Green (33%)
- Blue (83%)



- Red (91%)
- Yellow (33%)
- Blue (83%)



- Cyan (0%)
- Magenta (64%)
- Yellow (8%)
- Black (9%)





- Cyan (9%)
- Magenta (67%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 80.128, 332.028 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, 80.128, 332.028 by changing the saturation by 10% instead.

 60, 80.128,
332.028


 60, 80.128,
332.028


 100, 80.128,
332.028


 50, 80.128,
332.028


 80, 80.128,
332.028

 40, 80.128,
332.028

 90, 80.128,
332.028


 30, 80.128,
332.028

 20, 80.128,
332.028

 10, 80.128,
332.028

 0, 80.128, 332.028

 60, 80.128,

 60, 80.128,

332.028

57, 88.169,
332.622

55, 93.589,
333.218

54, 96.232,
333.837

53, 96.808,
334.250

332.028

64, 69.914,
331.428

68, 58.115,
330.818

73, 45.291,
330.202

78, 31.916,
329.584

84, 18.346,
328.969

90, 4.832, 328.324

95, 8.465, 147.852

98, 12.899,
150.118

■ 98, 11.766,
154.885

Harmonies

Complementary

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



60, 80.128, 332.028



82, 81.764, 142.040

Rectangle

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



60, 80.128, 332.028



60, 80.128, 22.028



60, 80.128, 152.028



60, 80.128, 202.028

Sweetspot

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



60, 80.125, 332.028



88, 27.809, 329.307



46, 86.022, 302.703



45, 19.148, 329.484



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, 80.125, 332.028



62, 96.917, 332.788



57, 61.477, 359.725



45, 7.599, 328.712



41, 79.930, 334.136



8, 34.065, 333.115

Inverse Universe

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



60, 80.125, 332.028



62, 96.917, 332.788



83, 54.550, 162.863



45, 7.599, 328.712



41, 79.930, 334.136



8, 34.065, 333.115

Previews

White Background



This preview shows how the CIELCh color 60, 80.128, 332.028 looks on a white background.

Color Contrast Check

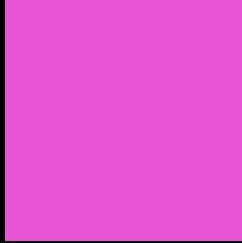
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.128, 332.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

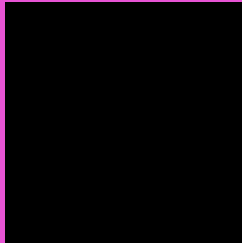
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 80.128, 332.028

Background



This preview shows how black text looks on a background with the CIELCh color 60, 80.128, 332.028.

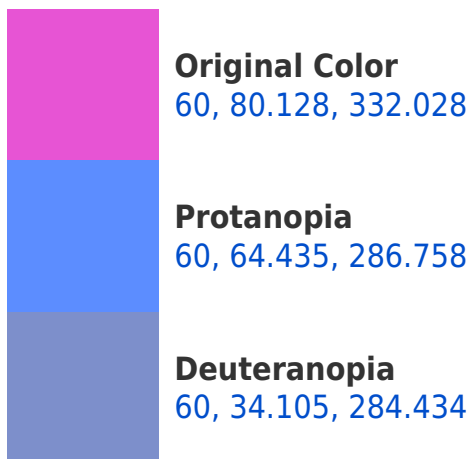


This preview shows how white text looks on a background with the CIELCh color 60, 80.128, 332.028.

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, 46.469, 20.497

Trichromacy



Original Color
60, 80.128, 332.028



Protanomaly
58, 67.861, 302.576



Deuteranomaly
58, 49.662, 311.111



Tritanomaly
60, 53.607, 355.775

Monochromacy



Original Color
60, 80.128, 332.028



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 32.564, 330.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 80.128, 332.028 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(231, 84, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 84, 212)  
}
```

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(231, 84, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 84, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 80.128, 332.028 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(231, 84, 212) }
```

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

```
.border{ border-color:rgb(231, 84, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 84, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 84, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 84, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 84,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 80.128, 332.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 84, 212) }
```

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

```
.background{ background-color: rgb(231, 84,  
212) }
```

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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