

Converting Colors

CIELCh(67, 64.223, 325.487)

Have a look what the booklet for
CIELCh(67, 64.223, 325.487)
contains.

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Color

CIELCh(67, 64.230, 325.666)

Conversions

Conversions Part 1

Format	Color
Hex	E17EE5
RGB	225, 126, 229
RGB Percent	88%, 49%, 90%
CMY	0.1172, 0.5055, 0.1016
CMYK	0.02, 0.45, 0.00, 0.10
HSL	298°, 67%, 70%
HSV	298°, 45%, 90%
XYZ	52.7122, 36.6320, 78.4929
YIQ	167.3430, 25.9410, 53.0210

Conversions

Conversions Part 2

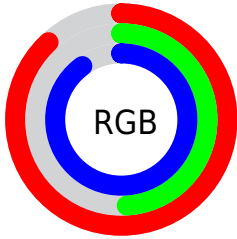
Format	Color
R _Y B	225, 126, 229
Decimal	14778085
CIE Lab	67.00, 53.04, -36.23
CIE LCh	67, 64.230, 325.666
Yxy	36.6320, 0.3141, 0.2183
Android (android.graphics.Color)	4292968165 (0xFFE17EE5)
YUV	167.3430, 30.3969, 50.5652
Hunter-Lab	60.5244, 49.5427, -34.5251

Details

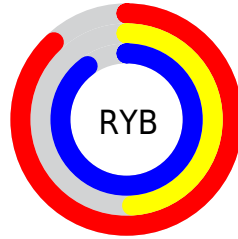
The CIELCh color $67, 64.230, 325.666$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 64.238, 140.060$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 46.349, 326.028$, and $47, 64.426, 325.824$ is the 20% darker color. If you saturate the color by 10%, you get $63, 76.841, 326.071$, and if you desaturate by 10%, it is $72, 50.517, 325.202$.

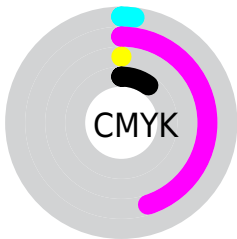
Distribution



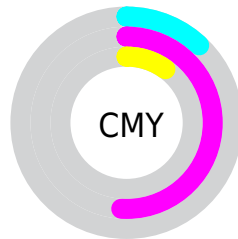
- Red (88%)
- Green (49%)
- Blue (90%)



- Red (88%)
- Yellow (49%)
- Blue (90%)



- Cyan (2%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (51%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.230, 325.666 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 67, 64.230, 325.666 by changing the saturation by 10% instead.

 67, 64.230,
325.666

 67, 64.230,
325.666

 100, 64.230,
325.666

 57, 64.230,
325.666

 87, 64.230,
325.666

 47, 64.230,
325.666

 97, 64.230,
325.666

 37, 64.230,
325.666

 27, 64.230,
325.666

 17, 64.230,
325.666

 7, 64.230, 325.666

 0, 64.230, 325.666

67, 64.230,
325.666

67, 64.230,
325.666

63, 76.841,
326.071

72, 50.517,
325.202

59, 87.787,
326.396

77, 36.199,
324.700

56, 96.498,
326.620

82, 21.649,
324.175

54, 102.552,
326.730

88, 7.135, 323.625

94, 7.163, 143.184

53, 105.847,
326.722

98, 15.893,
142.507

53, 106.784,
326.687

98, 15.718,
141.584

98, 15.547,
140.638

■ 98, 15.381,
139.670

Harmonies

Complementary

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



67, 64.230, 325.666



83, 64.238, 140.060

Rectangle

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



67, 64.230, 325.666



67, 64.230, 15.666



67, 64.230, 145.666



67, 64.230, 195.666

Sweetspot

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



67, 64.227, 325.666



92, 20.502, 324.075



58, 55.442, 294.648



48, 14.361, 324.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 64.227, 325.666



70, 82.494, 326.047



66, 48.200, 345.400



45, 8.207, 323.879



41, 88.596, 326.711



8, 37.165, 326.944

Inverse Universe

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



64, 42.971, 21.360



66, 57.588, 23.393



84, 46.424, 156.556



45, 4.818, 16.795



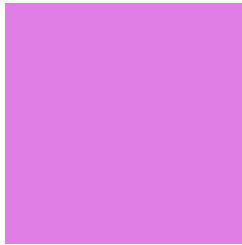
37, 78.299, 38.386



6, 26.979, 20.161

Previews

White Background



This preview shows how the CIELCh color 67, 64.230, 325.666 looks on a white background.

Color Contrast Check

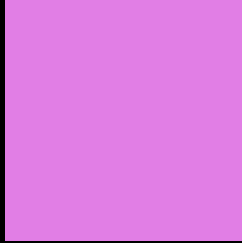
Large Text (above 18pt) WCAG AA × Fail

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 67, 64.230, 325.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

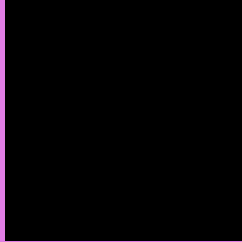
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 64.230, 325.666

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.230, 325.666.



This preview shows how white text looks on a background with the CIELCh color 67, 64.230, 325.666.

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
67, 29.274, 10.707

Trichromacy



Original Color
67, 64.230, 325.666



Protanomaly
66, 54.565, 300.137



Deuteranomaly
66, 43.723, 305.864



Tritanomaly
67, 38.621, 345.231

Monochromacy



Original Color
67, 64.230, 325.666



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 24.803, 324.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.230, 325.666 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, 126, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 126, 229)  
}
```

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, 126, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 126, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.230, 325.666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

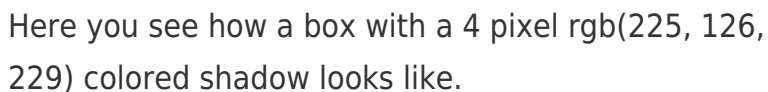
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 126, 229) }
```

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

```
.border{ border-color:rgb(225, 126, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 126, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 126, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 126, 229); box-shadow:4px 4px 4px 4px rgb(225, 126, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.230, 325.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 126, 229) }
```

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

```
.background{ background-color: rgb(225,  
126, 229) }
```

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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