

Converting Colors

CIELCh(67, 64.812, 326.828)

Have a look what the booklet for
CIELCh(67, 64.812, 326.828)
contains.

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Color

CIELCh(67, 64.772, 326.830)

Conversions

Conversions Part 1

Format	Color
Hex	E47DE4
RGB	228, 125, 228
RGB Percent	89%, 49%, 89%
CMY	0.1070, 0.5108, 0.1070
CMYK	0.00, 0.45, 0.00, 0.11
HSL	300°, 65%, 69%
HSV	300°, 45%, 89%
XYZ	53.1673, 36.6320, 77.4622
YIQ	167.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

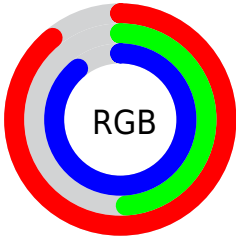
Format	Color
R _Y B	228, 125, 228
Decimal	14974436
CIE Lab	67.00, 54.22, -35.44
CIE LCh	67, 64.772, 326.830
Yxy	36.6320, 0.3179, 0.2190
Android (android.graphics.Color)	4293164516 (0xFFE47DE4)
YUV	167.5390, 29.8073, 53.0243
Hunter-Lab	60.5244, 50.8847, -33.5154

Details

The CIELCh color **67, 64.772, 326.830** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82, 65.005, 140.846**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 46.967, 326.049**, and **47, 64.697, 326.753** is the 20% darker color. If you saturate the color by 10%, you get **63, 77.235, 327.267**, and if you desaturate by 10%, it is **72, 51.122, 326.340**.

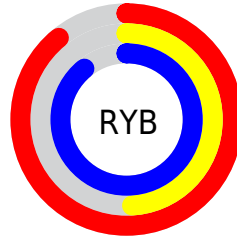
Distribution



Red (89%)

Green (49%)

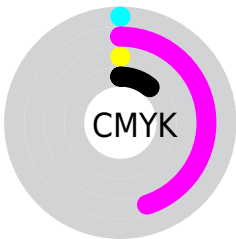
Blue (89%)



Red (89%)

Yellow (49%)

Blue (89%)

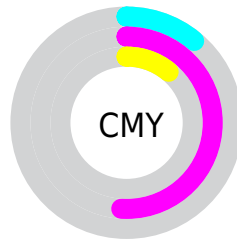


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 64.772, 326.830 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, 64.772, 326.830 by changing the saturation by 10% instead.

 67, 64.772,
326.830


 67, 64.772,
326.830


 100, 64.772,
326.830

 57, 64.772,
326.830


 87, 64.772,
326.830

 47, 64.772,
326.830

 97, 64.772,
326.830

 37, 64.772,
326.830

 27, 64.772,
326.830

 17, 64.772,
326.830

 7, 64.772, 326.830

 0, 64.772, 326.830

67, 64.772,
326.830

67, 64.772,
326.830

63, 77.235,
327.267

72, 51.122,
326.340

60, 87.955,
327.632

77, 36.795,
325.813

57, 96.389,
327.914

82, 22.182,
325.264

55, 102.169,
328.103

88, 7.571, 324.689

93, 6.842, 144.224

54, 105.253,
328.203

97, 17.031,
143.814

54, 106.093,
328.230

97, 17.030,
143.813

97, 17.030,
143.811

■ 97, 17.030,
143.810

Harmonies

Complementary

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



67, 64.772, 326.830



82, 65.005, 140.846

Rectangle

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



67, 64.772, 326.830



67, 64.772, 16.830



67, 64.772, 146.830



67, 64.772, 196.830

Sweetspot

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



67, 64.769, 326.830



91, 22.351, 325.201



57, 57.636, 295.965



47, 15.442, 325.322



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, 64.769, 326.830



70, 82.998, 327.231



65, 47.329, 347.361



45, 8.306, 324.939



42, 88.428, 328.230



9, 37.108, 328.230

Inverse Universe

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



64, 43.499, 24.234



66, 58.400, 26.142



83, 45.174, 158.154



45, 4.817, 19.929



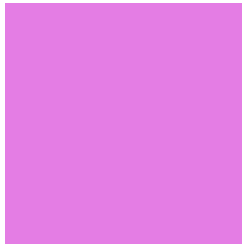
37, 79.981, 39.969



6, 27.105, 21.755

Previews

White Background



This preview shows how the CIELCh color 67, 64.772, 326.830 looks on a white background.

Color Contrast Check

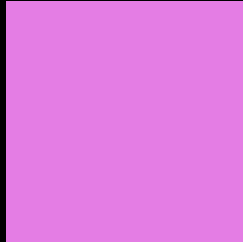
Large Text (above 18pt) WCAG AA × Fail

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, 64.772, 326.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

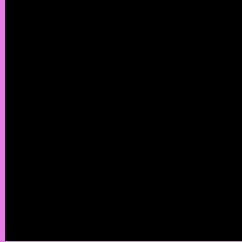
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 64.772, 326.830

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.772, 326.830.



This preview shows how white text looks on a background with the CIELCh color 67, 64.772, 326.830.

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, 30.901, 11.543

Trichromacy



Original Color
67, 64.772, 326.830



Protanomaly
66, 54.682, 301.094



Deuteranomaly
66, 42.721, 306.566



Tritanomaly
67, 39.794, 346.809

Monochromacy



Original Color
67, 64.772, 326.830



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 24.544, 325.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.772, 326.830 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(228, 125, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 125, 228)  
}
```

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(228, 125, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 125, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.772, 326.830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

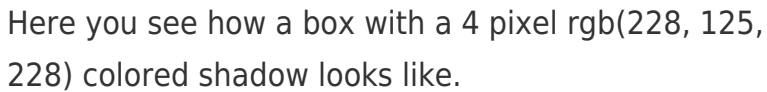
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 125, 228) }
```

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

```
.border{ border-color:rgb(228, 125, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 125, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 125, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 125, 228); box-shadow:4px 4px 4px 4px rgb(228, 125, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.772, 326.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 125, 228) }
```

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

```
.background{ background-color: rgb(228,  
125, 228) }
```

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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