

Converting Colors

CIELCh(67, 64.226, 326.818)

Have a look what the booklet for
CIELCh(67, 64.226, 326.818)
contains.

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Color

CIELCh(67, 64.226, 326.818)

Conversions

Conversions Part 1

Format	Color
Hex	E37DE3
RGB	227, 125, 227
RGB Percent	89%, 49%, 89%
CMY	0.1090, 0.5091, 0.1091
CMYK	0.00, 0.45, 0.00, 0.11
HSL	300°, 65%, 69%
HSV	300°, 45%, 89%
XYZ	52.9877, 36.6320, 77.0887
YIQ	167.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

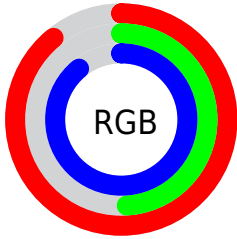
Format	Color
R _{YB}	227, 125, 227
Decimal	14908899
CIE _{Lab}	67.00, 53.75, -35.15
CIE _{LCh}	67, 64.226, 326.818
Yxy	36.6320, 0.3178, 0.2197
Android (android.graphics.Color)	4293098979 (0xFFE37DE3)
YUV	167.1260, 29.5179, 52.5095
Hunter-Lab	60.5244, 50.3550, -33.1495

Details

The CIELCh color **67, 64.226, 326.818** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82, 64.450, 140.883**, 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, 64.177, 326.738** is the 20% darker color. If you saturate the color by 10%, you get **63, 76.713, 327.257**, and if you desaturate by 10%, it is **72, 50.573, 326.327**.

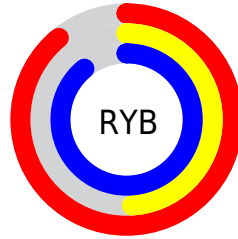
Distribution



Red (89%)

Green (49%)

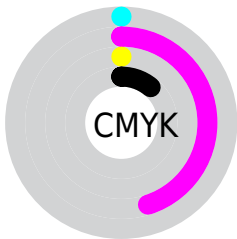
Blue (89%)



Red (89%)

Yellow (49%)

Blue (89%)

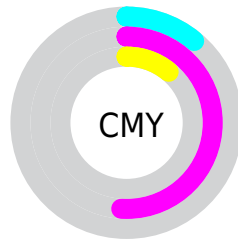


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (51%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.226, 326.818 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, 64.226, 326.818 by changing the saturation by 10% instead.

 67, 64.226,
326.818

 67, 64.226,
326.818

 100, 64.226,
326.818


 57, 64.226,
326.818

 87, 64.226,
326.818

 47, 64.226,
326.818

 97, 64.226,
326.818

 37, 64.226,
326.818

 27, 64.226,
326.818

 17, 64.226,
326.818

 7, 64.226, 326.818

 0, 64.226, 326.818

67, 64.226,
326.818

67, 64.226,
326.818

63, 76.713,
327.257

72, 50.573,
326.327

60, 87.479,
327.625

77, 36.257,
325.799

57, 95.980,
327.910

82, 21.667,
325.249

55, 101.840,
328.102

88, 7.088, 324.672

93, 7.289, 144.207

54, 105.004,
328.205

97, 17.359,
143.804

54, 105.905,
328.234

97, 17.359,
143.805

97, 17.358,
143.806

■ 97, 17.358,
143.807

Harmonies

Complementary

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



67, 64.226, 326.818



82, 64.450, 140.883

Rectangle

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



67, 64.226, 326.818



67, 64.226, 16.818



67, 64.226, 146.818



67, 64.226, 196.818

Sweetspot

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



67, 64.223, 326.818



92, 20.745, 325.147



57, 58.130, 296.503



48, 14.529, 325.272



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, 64.223, 326.818



70, 82.996, 327.234



65, 46.495, 348.311



45, 8.306, 324.942



42, 88.425, 328.234



9, 37.107, 328.234

Inverse Universe

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



67, 64.223, 326.818



70, 82.996, 327.234



83, 44.168, 159.046



45, 8.306, 324.942



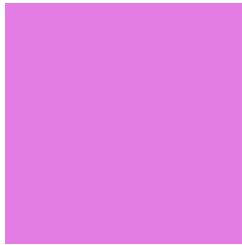
42, 88.425, 328.234



9, 37.107, 328.234

Previews

White Background



This preview shows how the CIELCh color 67, 64.226, 326.818 looks on a white background.

Color Contrast Check

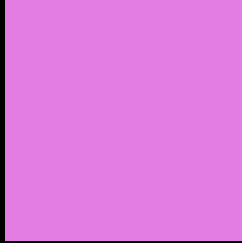
Large Text (above 18pt) WCAG AA × Fail

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, 64.226, 326.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

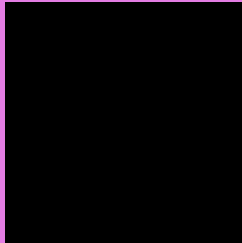
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 64.226, 326.818

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.226, 326.818.

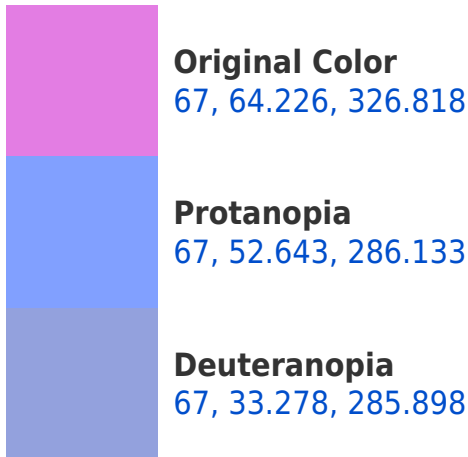


This preview shows how white text looks on a background with the CIELCh color 67, 64.226, 326.818.

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, 64.226, 326.818



Protanomaly
66, 54.682, 301.094



Deuteranomaly
66, 42.721, 306.566



Tritanomaly
67, 39.506, 346.426

Monochromacy



Original Color
67, 64.226, 326.818



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, 64.226, 326.818 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(227, 125, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 125, 227)  
}
```

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(227, 125, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 125, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.226, 326.818 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(227, 125, 227) }
```

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

```
.border{ border-color:rgb(227, 125, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 125, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 125, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 125, 227); box-shadow:4px 4px 4px 4px rgb(227, 125, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.226, 326.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 125, 227) }
```

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

```
.background{ background-color: rgb(227,  
125, 227) }
```

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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