

Converting Colors

CIELCh(67, 63.788, 327.201)

Have a look what the booklet for
CIELCh(67, 63.788, 327.201)
contains.

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Color

CIELCh(67, 63.810, 327.099)

Conversions

Conversions Part 1

Format	Color
Hex	E37DE2
RGB	227, 125, 226
RGB Percent	89%, 49%, 89%
CMY	0.1086, 0.5086, 0.1125
CMYK	0.00, 0.45, 0.00, 0.11
HSL	301°, 65%, 69%
HSV	301°, 45%, 89%
XYZ	52.9191, 36.6320, 76.4547
YIQ	167.0120, 28.3710, 53.0350

Conversions

Conversions Part 2

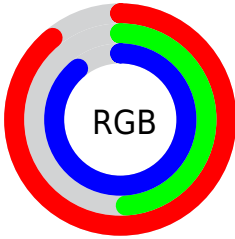
Format	Color
RYB	227, 125, 226
Decimal	14908898
CIELab	67.00, 53.58, -34.66
CIELCh	67, 63.810, 327.099
Yxy	36.6320, 0.3188, 0.2207
Android (android.graphics.Color)	4293098978 (0xFFE37DE2)
YUV	167.0120, 29.0811, 52.6095
Hunter-Lab	60.5244, 50.1529, -32.5284

Details

The CIELCh color **67, 63.810, 327.099** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82, 64.040, 141.135**, 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, 63.840, 327.344** is the 20% darker color. If you saturate the color by 10%, you get **63, 76.225, 327.548**, and if you desaturate by 10%, it is **72, 50.236, 326.600**.

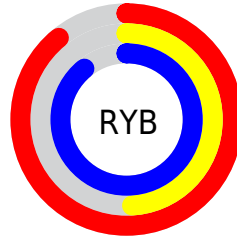
Distribution



Red (89%)

Green (49%)

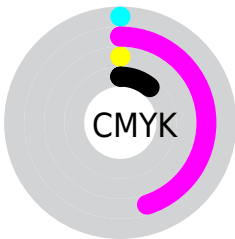
Blue (89%)



Red (89%)

Yellow (49%)

Blue (89%)

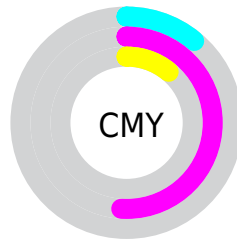


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 63.810, 327.099 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, 63.810, 327.099 by changing the saturation by 10% instead.

 67, 63.810,
327.099


 67, 63.810,
327.099


 100, 63.810,
327.099

 57, 63.810,
327.099


 87, 63.810,
327.099

 47, 63.810,
327.099

 97, 63.810,
327.099

 37, 63.810,
327.099

 27, 63.810,
327.099

 17, 63.810,
327.099

 7, 63.810, 327.099

 0, 63.810, 327.099

67, 63.810,
327.099

67, 63.810,
327.099

63, 76.225,
327.548

72, 50.236,
326.600

60, 86.924,
327.931

77, 36.005,
326.067

57, 95.364,
328.235

82, 21.504,
325.513

55, 101.161,
328.453

88, 7.015, 324.933

93, 7.272, 144.467


54, 104.259,
328.587

97, 17.139,
144.131

54, 105.124,
328.634

97, 17.044,
144.349

97, 16.950,
144.570

 97, 16.856,
144.792

Harmonies

Complementary

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



67, 63.810, 327.099



82, 64.040, 141.135

Rectangle

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



67, 63.810, 327.099



67, 63.810, 17.099



67, 63.810, 147.099



67, 63.810, 197.099

Sweetspot

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



67, 63.807, 327.099



92, 20.608, 325.412



57, 58.128, 296.499



48, 14.433, 325.537



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, 63.807, 327.099



70, 82.457, 327.526



65, 46.495, 348.309



45, 8.251, 325.206



42, 87.748, 328.628



8, 36.866, 328.566

Inverse Universe

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



67, 63.807, 327.099



70, 82.457, 327.526



83, 44.169, 159.049



45, 8.251, 325.206



42, 87.748, 328.628



8, 36.866, 328.566

Previews

White Background



This preview shows how the CIELCh color 67, 63.810, 327.099 looks on a white background.

Color Contrast Check

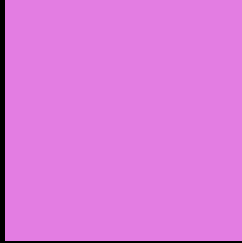
Large Text (above 18pt) WCAG AA × Fail

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, 63.810, 327.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

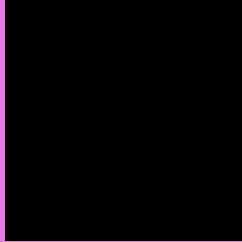
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 63.810, 327.099

Background



This preview shows how black text looks on a background with the CIELCh color 67, 63.810, 327.099.

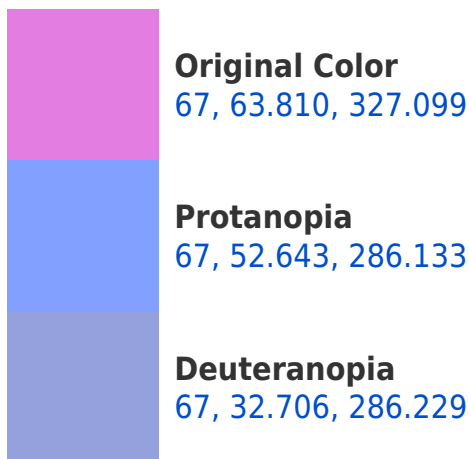


This preview shows how white text looks on a background with the CIELCh color 67, 63.810, 327.099.

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, 63.810, 327.099



Protanomaly
66, 54.682, 301.094



Deuteranomaly
66, 42.255, 307.157



Tritanomaly
67, 39.506, 346.426

Monochromacy



Original Color
67, 63.810, 327.099



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, 63.810, 327.099 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 125, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 125, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 63.810, 327.099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

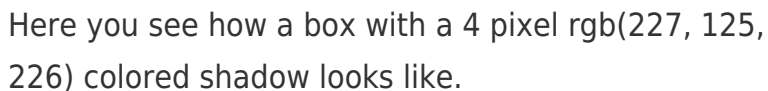
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 125, 226) }
```

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

```
.border{ border-color:rgb(227, 125, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 125, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 125, 226); box-shadow:4px 4px 4px 4px rgb(227, 125, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 63.810, 327.099 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, 226) }
```

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

```
.background{ background-color: rgb(227,  
125, 226) }
```

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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