

Converting Colors

CIELCh(67, 51.602, 333.314)

Have a look what the booklet for
CIELCh(67, 51.602, 333.314)
contains.

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Color

CIELCh(67, 51.815, 333.016)

Conversions

Conversions Part 1

Format	Color
Hex	E083CE
RGB	224, 131, 206
RGB Percent	88%, 51%, 81%
CMY	0.1207, 0.4855, 0.1914
CMYK	0.00, 0.41, 0.08, 0.12
HSL	312°, 60%, 70%
HSV	312°, 41%, 88%
XYZ	50.1136, 36.6320, 62.9514
YIQ	167.3570, 31.3530, 43.0410

Conversions

Conversions Part 2

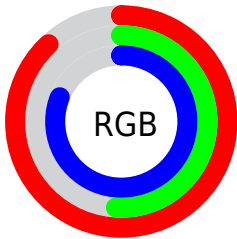
Format	Color
R_{YB}	224, 131, 206
Decimal	14713806
CIE _{Lab}	67.00, 46.17, -23.51
CIE _{LCh}	67, 51.815, 333.016
Yxy	36.6320, 0.3348, 0.2447
Android (android.graphics.Color)	4292903886 (0xFFE083CE)
YUV	167.3570, 19.0510, 49.6759
Hunter-Lab	60.5244, 41.8787, -19.3005

Details

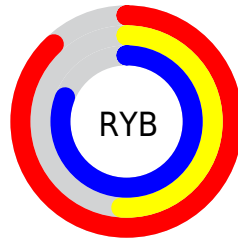
The CIELCh color **67, 51.815, 333.016** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82, 51.718, 146.836**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **47, 52.182, 332.799** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.114, 333.728**, and if you desaturate by 10%, it is **72, 39.666, 332.326**.

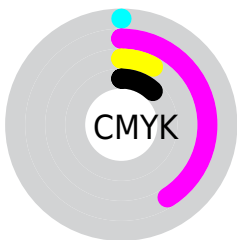
Distribution



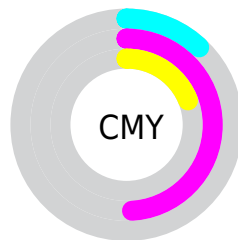
- Red (88%)
- Green (51%)
- Blue (81%)



- Red (88%)
- Yellow (51%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.815, 333.016 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, 51.815, 333.016 by changing the saturation by 10% instead.


 67, 51.815,
333.016


 67, 51.815,
333.016


 100, 51.815,
333.016


 57, 51.815,
333.016


 87, 51.815,
333.016

 47, 51.815,
333.016


 97, 51.815,
333.016

 37, 51.815,
333.016

 27, 51.815,
333.016

 17, 51.815,
333.016

 7, 51.815, 333.016

 0, 51.815, 333.016

67, 51.815,
333.016

67, 51.815,
333.016

63, 63.114,
333.728

72, 39.666,
332.326

59, 73.043,
334.466

77, 27.101,
331.654

55, 81.026,
335.244

83, 14.427,
330.997

53, 86.565,
336.085

88, 1.857, 330.218

52, 89.408,
337.025


94, 10.478,
149.834

51, 90.057,
337.916

97, 15.981,
151.936

97, 14.389,
157.806

98, 12.973,
165.011

 98, 11.795,
173.779

Harmonies

Complementary

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



67, 51.815, 333.016



82, 51.718, 146.836

Rectangle

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



67, 51.815, 333.016



67, 51.815, 23.016



67, 51.815, 153.016



67, 51.815, 203.016

Sweetspot

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



67, 51.812, 333.016



92, 16.739, 331.037



60, 52.898, 301.237



48, 11.112, 331.123



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, 51.812, 333.016



71, 68.220, 333.646



66, 39.260, 359.895



44, 7.129, 330.863



40, 75.314, 337.729



7, 31.514, 335.893

Inverse Universe

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



67, 51.812, 333.016



71, 68.220, 333.646



83, 34.926, 170.472



44, 7.129, 330.863



40, 75.314, 337.729



7, 31.514, 335.893

Previews

White Background



This preview shows how the CIELCh color 67, 51.815, 333.016 looks on a white background.

Color Contrast Check

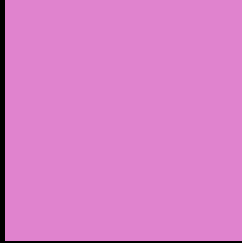
Large Text (above 18pt) WCAG AA × Fail

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, 51.815, 333.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

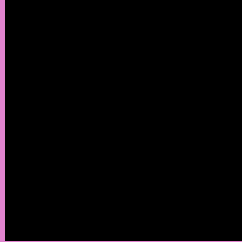
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 51.815, 333.016

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.815, 333.016.

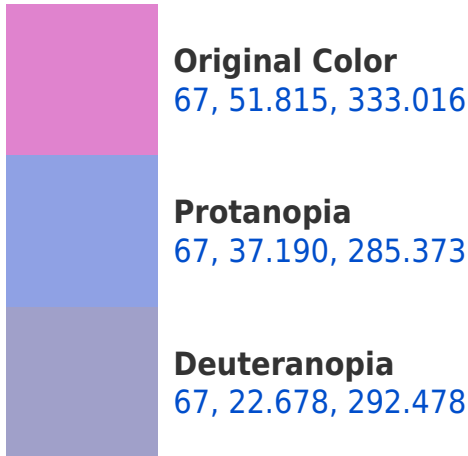


This preview shows how white text looks on a background with the CIELCh color 67, 51.815, 333.016.

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, 51.815, 333.016



Protanomaly
66, 39.678, 304.947



Deuteranomaly
67, 31.650, 314.360

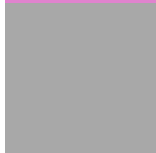


Tritanomaly
67, 36.102, 352.557

Monochromacy



Original Color
67, 51.815, 333.016



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 19.325, 330.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.815, 333.016 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(224, 131, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 131, 206)  
}
```

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(224, 131, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 131, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.815, 333.016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

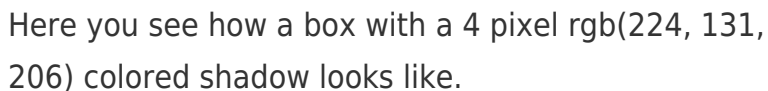
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 131, 206) }
```

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

```
.border{ border-color:rgb(224, 131, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 131, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 131, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 131, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 131,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.815, 333.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 131, 206) }
```

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

```
.background{ background-color: rgb(224,  
131, 206) }
```

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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