

Converting Colors

CIELCh(67, 58.490, 329.903)

Have a look what the booklet for
CIELCh(67, 58.490, 329.903)
contains.

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Color

CIELCh(67, 58.396, 329.855)

Conversions

Conversions Part 1

Format	Color
Hex	E380D9
RGB	227, 128, 217
RGB Percent	89%, 50%, 85%
CMY	0.1111, 0.4992, 0.1502
CMYK	0.00, 0.44, 0.04, 0.11
HSL	306°, 64%, 69%
HSV	306°, 44%, 89%
XYZ	51.7403, 36.6320, 69.7756
YIQ	167.7470, 30.4350, 48.6670

Conversions

Conversions Part 2

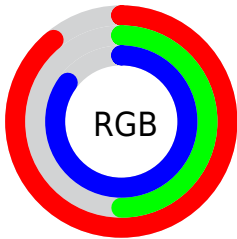
Format	Color
R _Y B	227, 128, 217
Decimal	14909657
CIE Lab	67.00, 50.50, -29.33
CIE LCh	67, 58.396, 329.855
Yxy	36.6320, 0.3272, 0.2316
Android (android.graphics.Color)	4293099737 (0xFFE380D9)
YUV	167.7470, 24.2817, 51.9649
Hunter-Lab	60.5244, 46.6763, -25.9855

Details

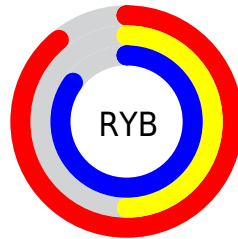
The CIELCh color $67, 58.396, 329.855$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $82, 58.555, 143.740$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 45.110, 325.986$, and $47, 58.331, 329.912$ is the 20% darker color. If you saturate the color by 10%, you get $63, 70.225, 330.422$, and if you desaturate by 10%, it is $72, 45.535, 329.270$.

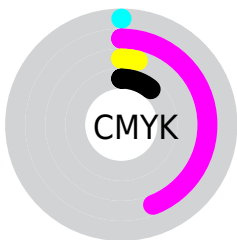
Distribution



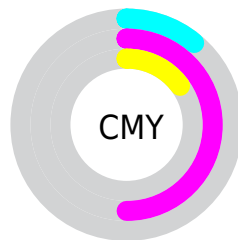
- Red (89%)
- Green (50%)
- Blue (85%)



- Red (89%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 58.396, 329.855 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, 58.396, 329.855 by changing the saturation by 10% instead.

 67, 58.396,
329.855


 67, 58.396,
329.855


 100, 58.396,
329.855


 57, 58.396,
329.855


 87, 58.396,
329.855

 47, 58.396,
329.855

 97, 58.396,
329.855

 37, 58.396,
329.855

 27, 58.396,
329.855

 17, 58.396,
329.855

 7, 58.396, 329.855

 0, 58.396, 329.855

67, 58.396,
329.855

67, 58.396,
329.855

63, 70.225,
330.422

72, 45.535,
329.270

59, 80.475,
330.966

77, 32.118,
328.676

56, 88.577,
331.482

82, 18.500,
328.078

54, 94.093,
331.977

88, 4.931, 327.449

53, 96.880,
332.463


94, 8.424, 146.982

97, 16.135,
147.577

53, 97.576,
332.774

97, 15.223,
150.257

98, 14.346,
153.262

 98, 13.509,
156.639

Harmonies

Complementary

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



67, 58.396, 329.855



82, 58.555, 143.740

Rectangle

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



67, 58.396, 329.855



67, 58.396, 19.855



67, 58.396, 149.855



67, 58.396, 199.855

Sweetspot

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



67, 58.393, 329.855



92, 19.362, 328.043



58, 56.295, 299.070



48, 13.562, 328.176



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, 58.393, 329.855



71, 75.135, 330.349



65, 43.021, 354.494



44, 7.609, 327.823



41, 80.852, 332.690



7, 33.566, 331.882

Inverse Universe

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



67, 58.393, 329.855



71, 75.135, 330.349



83, 39.505, 164.803



44, 7.609, 327.823



41, 80.852, 332.690



7, 33.566, 331.882

Previews

White Background



This preview shows how the CIELCh color 67, 58.396, 329.855 looks on a white background.

Color Contrast Check

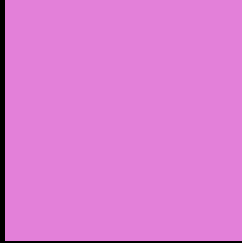
Large Text (above 18pt) WCAG AA × Fail

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, 58.396, 329.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

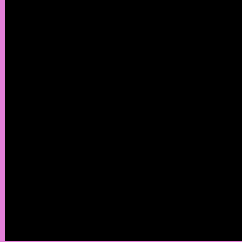
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 58.396, 329.855

Background



This preview shows how black text looks on a background with the CIELCh color 67, 58.396, 329.855.



This preview shows how white text looks on a background with the CIELCh color 67, 58.396, 329.855.

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, 31.282, 12.729

Trichromacy



Original Color
67, 58.396, 329.855



Protanomaly
66, 47.101, 302.364



Deuteranomaly
67, 37.121, 310.014

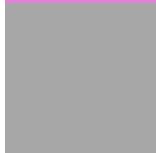


Tritanomaly
67, 38.206, 349.909

Monochromacy



Original Color
67, 58.396, 329.855



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 22.135, 328.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 58.396, 329.855 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, 128, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 217)  
}
```

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, 128, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 58.396, 329.855 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, 128, 217) }
```

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

```
.border{ border-color:rgb(227, 128, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 128, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 58.396, 329.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 217) }
```

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

```
.background{ background-color: rgb(227,  
128, 217) }
```

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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