

Converting Colors

CIELCh(67, 73.467, 327.077)

Have a look what the booklet for
CIELCh(67, 73.467, 327.077)
contains.

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Color

CIELCh(67, 73.519, 327.072)

Conversions

Conversions Part 1

Format	Color
Hex	EC75EC
RGB	236, 117, 236
RGB Percent	93%, 46%, 93%
CMY	0.0743, 0.5410, 0.0743
CMYK	0.00, 0.50, 0.00, 0.07
HSL	300°, 76%, 69%
HSV	300°, 50%, 93%
XYZ	56.1206, 36.6320, 83.5030
YIQ	166.1470, 32.7250, 62.2370

Conversions

Conversions Part 2

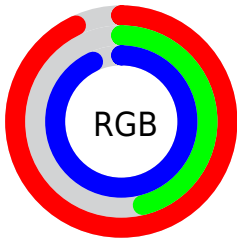
Format	Color
R _Y B	236, 117, 236
Decimal	15496684
CIE Lab	67.00, 61.71, -39.96
CIE LCh	67, 73.519, 327.072
Yxy	36.6320, 0.3184, 0.2078
Android (android.graphics.Color)	4293686764 (0xFFEC75EC)
YUV	166.1470, 34.4375, 61.2611
Hunter-Lab	60.5244, 59.5947, -39.4330

Details

The CIELCh color $67, 73.519, 327.072$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $85, 73.939, 140.272$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.272, 326.194$, and $47, 73.552, 327.098$ is the 20% darker color. If you saturate the color by 10%, you get $63, 85.470, 327.474$, and if you desaturate by 10%, it is $71, 60.039, 326.607$.

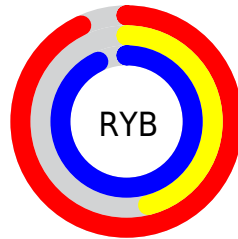
Distribution



Red (93%)

Green (46%)

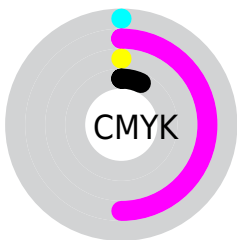
Blue (93%)



Red (93%)

Yellow (46%)

Blue (93%)

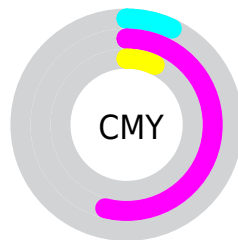


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (54%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 73.519, 327.072 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, 73.519, 327.072 by changing the saturation by 10% instead.


 67, 73.519,
327.072


 67, 73.519,
327.072


 100, 73.519,
327.072


 57, 73.519,
327.072


 87, 73.519,
327.072


 47, 73.519,
327.072


 97, 73.519,
327.072

 37, 73.519,
327.072

 27, 73.519,
327.072

 17, 73.519,
327.072

 7, 73.519, 327.072

 0, 73.519, 327.072

67, 73.519,
327.072

67, 73.519,
327.072

63, 85.470,
327.474

71, 60.039,
326.607

60, 95.315,
327.797

76, 45.598,
326.097

58, 102.567,
328.030

82, 30.664,
325.556

57, 107.005,
328.171

87, 15.589,
324.998

56, 109.004,
328.234

93, 0.624, 323.998

98, 11.803,
144.034

98, 11.802,
144.036

98, 11.802,
144.037

■ 98, 11.802,
144.038

Harmonies

Complementary

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



67, 73.519, 327.072



85, 73.939, 140.272

Rectangle

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



67, 73.519, 327.072



67, 73.519, 17.072



67, 73.519, 147.072



67, 73.519, 197.072

Sweetspot

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



67, 73.516, 327.072



91, 23.956, 325.260



55, 68.117, 297.631



47, 16.355, 325.378



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, 73.516, 327.072



68, 90.424, 327.468



65, 53.456, 349.133



46, 8.457, 324.943



43, 89.361, 328.234



9, 38.266, 328.234

Inverse Universe

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



67, 73.516, 327.072



68, 90.424, 327.468



85, 50.630, 158.273



46, 8.457, 324.943



43, 89.361, 328.234



9, 38.266, 328.234

Previews

White Background



This preview shows how the CIELCh color 67, 73.519, 327.072 looks on a white background.

Color Contrast Check

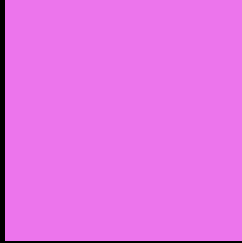
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 73.519, 327.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

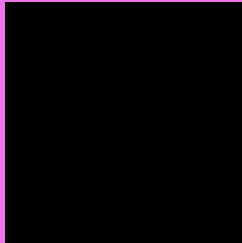
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 73.519, 327.072

Background



This preview shows how black text looks on a background with the CIELCh color 67, 73.519, 327.072.

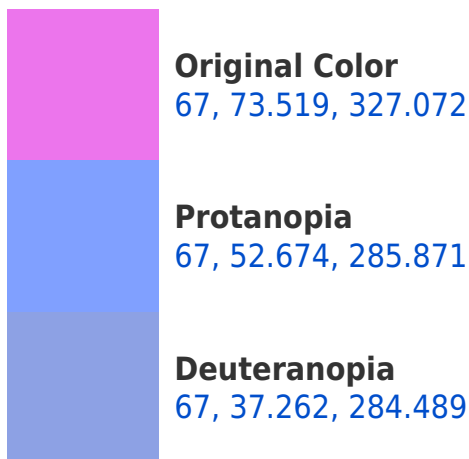


This preview shows how white text looks on a background with the CIELCh color 67, 73.519, 327.072.

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, 35.461, 13.588

Trichromacy



Original Color
67, 73.519, 327.072



Protanomaly
66, 58.189, 302.468



Deuteranomaly
66, 48.855, 306.414



Tritanomaly
66, 45.501, 347.186

Monochromacy



Original Color
67, 73.519, 327.072



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 28.476, 325.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 73.519, 327.072 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(236, 117, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 117, 236)  
}
```

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(236, 117, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 117, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 73.519, 327.072 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(236, 117, 236) }
```

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

```
.border{ border-color:rgb(236, 117, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 117, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 117, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 117, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 117,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 73.519, 327.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 117, 236) }
```

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

```
.background{ background-color: rgb(236,  
117, 236) }
```

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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