

Converting Colors

CIELCh(67, 69.386, 329.474)

Have a look what the booklet for
CIELCh(67, 69.386, 329.474)
contains.

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Color

CIELCh(67, 69.338, 329.389)

Conversions

Conversions Part 1

Format	Color
Hex	ED77E4
RGB	237, 119, 228
RGB Percent	93%, 47%, 89%
CMY	0.0721, 0.5347, 0.1073
CMYK	0.00, 0.50, 0.04, 0.07
HSL	305°, 76%, 70%
HSV	305°, 50%, 93%
XYZ	55.3085, 36.6320, 77.2918
YIQ	166.7080, 35.3390, 58.9150

Conversions

Conversions Part 2

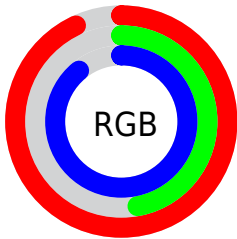
Format	Color
R _{YB}	237, 119, 228
Decimal	15562724
CIE _{Lab}	67.00, 59.68, -35.31
CIE _{LCh}	67, 69.338, 329.389
Yxy	36.6320, 0.3268, 0.2165
Android (android.graphics.Color)	4293752804 (0xFFED77E4)
YUV	166.7080, 30.2170, 61.6461
Hunter-Lab	60.5244, 57.1996, -33.3485

Details

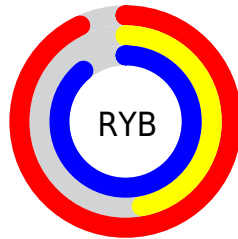
The CIELCh color $67, 69.338, 329.389$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $85, 69.787, 142.320$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 50.046, 326.153$, and $47, 69.435, 329.540$ is the 20% darker color. If you saturate the color by 10%, you get $63, 80.809, 329.902$, and if you desaturate by 10%, it is $72, 56.421, 328.843$.

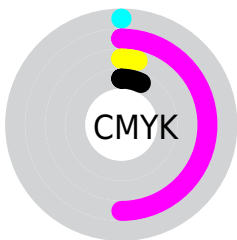
Distribution



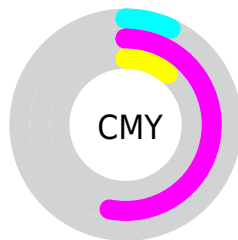
- Red (93%)
- Green (47%)
- Blue (89%)



- Red (93%)
- Yellow (47%)
- Blue (89%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (7%)




- Cyan (7%)
- Magenta (53%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 69.338, 329.389 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, 69.338, 329.389 by changing the saturation by 10% instead.

 67, 69.338,
329.389


 67, 69.338,
329.389


 100, 69.338,
329.389


 57, 69.338,
329.389


 87, 69.338,
329.389

 47, 69.338,
329.389

 97, 69.338,
329.389

 37, 69.338,
329.389

 27, 69.338,
329.389

 17, 69.338,
329.389

 7, 69.338, 329.389

 0, 69.338, 329.389

67, 69.338,
329.389

67, 69.338,
329.389

63, 80.809,
329.902

72, 56.421,
328.843

60, 90.246,
330.375

77, 42.618,
328.274

57, 97.129,
330.804

82, 28.376,
327.693

56, 101.186,
331.197

88, 14.028,
327.103

55, 102.760,
331.567

94, 0.196, 148.157

55, 102.777,
331.572

98, 10.682,
146.852

98, 9.960, 150.017

98, 9.272, 153.654

Harmonies

Complementary

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



67, 69.338, 329.389



85, 69.787, 142.320

Rectangle

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



67, 69.338, 329.389



67, 69.338, 19.389



67, 69.338, 149.389



67, 69.338, 199.389

Sweetspot

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



67, 69.335, 329.389



91, 22.746, 327.411



56, 67.374, 299.191



47, 15.530, 327.536



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, 69.335, 329.389



67, 85.946, 329.921



65, 51.355, 353.326



46, 8.029, 327.079



42, 84.187, 331.511



9, 36.367, 330.997

Inverse Universe

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



67, 69.335, 329.389



67, 85.946, 329.921



86, 47.408, 161.974



46, 8.029, 327.079



42, 84.187, 331.511



9, 36.367, 330.997

Previews

White Background



This preview shows how the CIELCh color 67, 69.338, 329.389 looks on a white background.

Color Contrast Check

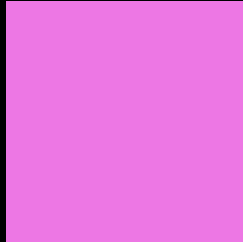
Large Text (above 18pt) WCAG AA × Fail

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, 69.338, 329.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

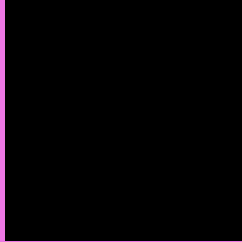
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 69.338, 329.389

Background



This preview shows how black text looks on a background with the CIELCh color 67, 69.338, 329.389.

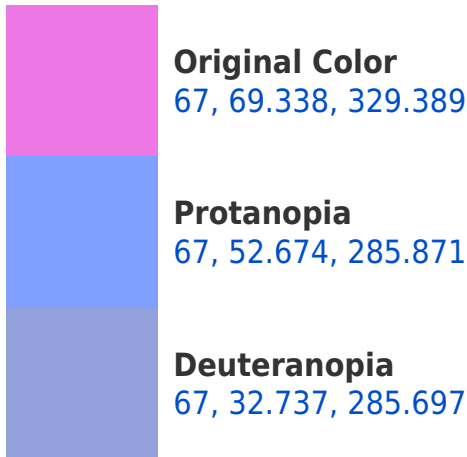


This preview shows how white text looks on a background with the CIELCh color 67, 69.338, 329.389.

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, 36.276, 14.760

Trichromacy



Original Color
67, 69.338, 329.389



Protanomaly
66, 55.993, 302.614



Deuteranomaly
66, 44.261, 308.868



Tritanomaly
67, 44.554, 350.549

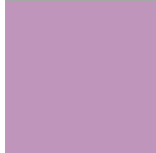
Monochromacy



Original Color
67, 69.338, 329.389



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 26.706, 328.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 69.338, 329.389 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(237, 119, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 119, 228)  
}
```

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(237, 119, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 119, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 69.338, 329.389 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(237, 119, 228) }
```

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

```
.border{ border-color:rgb(237, 119, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 119, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 119, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 119, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 119,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 69.338, 329.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 119, 228) }
```

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

```
.background{ background-color: rgb(237,  
119, 228) }
```

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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