

Converting Colors

CIELCh(67, 80.014, 329.277)

Have a look what the booklet for
CIELCh(67, 80.014, 329.277)
contains.

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Color

CIELCh(67, 80.206, 329.349)

Conversions

Conversions Part 1

Format	Color
Hex	F76CEE
RGB	247, 108, 238
RGB Percent	97%, 42%, 93%
CMY	0.0317, 0.5768, 0.0670
CMYK	0.00, 0.56, 0.04, 0.03
HSL	304°, 90%, 70%
HSV	304°, 56%, 97%
XYZ	59.0985, 36.6320, 84.7763
YIQ	164.3810, 41.1140, 69.8980

Conversions

Conversions Part 2

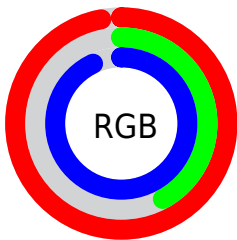
Format	Color
R _Y B	247, 108, 238
Decimal	16215278
CIE _{Lab}	67.00, 69.00, -40.89
CIE _{LCh}	67, 80.206, 329.349
Yxy	36.6320, 0.3274, 0.2029
Android (android.graphics.Color)	4294405358 (0xFFFF76CEE)
YUV	164.3810, 36.2942, 72.4569
Hunter-Lab	60.5244, 68.3771, -40.6803

Details

The CIELCh color $67, 80.206, 329.349$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $87, 81.113, 141.218$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.135, 326.357$, and $47, 80.414, 329.332$ is the 20% darker color. If you saturate the color by 10%, you get $63, 90.846, 329.815$, and if you desaturate by 10%, it is $71, 67.650, 328.838$.

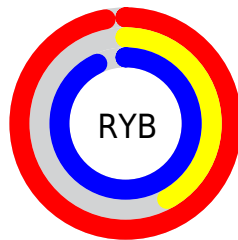
Distribution



Red (97%)

Green (42%)

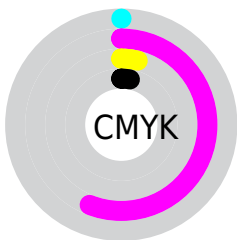
Blue (93%)



Red (97%)

Yellow (42%)

Blue (93%)

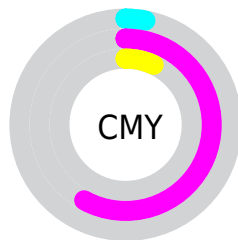


Cyan (0%)

Magenta (56%)

Yellow (4%)

Black (3%)



Cyan (3%)


Magenta (58%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 80.206, 329.349 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, 80.206, 329.349 by changing the saturation by 10% instead.


 67, 80.206,
329.349


 67, 80.206,
329.349


 100, 80.206,
329.349

 57, 80.206,
329.349


 87, 80.206,
329.349

 47, 80.206,
329.349

 97, 80.206,
329.349

 37, 80.206,
329.349

 27, 80.206,
329.349

 17, 80.206,
329.349

 7, 80.206, 329.349

 0, 80.206, 329.349

67, 80.206,
329.349

67, 80.206,
329.349

63, 90.846,
329.815

71, 67.650,
328.838

61, 98.998,
330.231

76, 53.800,
328.294

59, 104.272,
330.598

82, 39.198,
327.726

58, 106.663,
330.925

87, 24.270,
327.147

58, 107.096,
331.041

93, 9.325, 326.553

99, 4.770, 146.362

99, 4.141, 153.019

99, 3.586, 161.869

99, 3.144, 173.541

Harmonies

Complementary

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



67, 80.206, 329.349



87, 81.113, 141.218

Rectangle

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



67, 80.206, 329.349



67, 80.206, 19.349



67, 80.206, 149.349



67, 80.206, 199.349

Sweetspot

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



67, 80.203, 329.349



89, 26.001, 327.190



53, 79.710, 300.003



46, 17.400, 327.307



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, 80.203, 329.349



65, 94.822, 329.895



64, 59.780, 353.406



48, 8.380, 326.746



44, 86.709, 330.989



11, 38.812, 330.602

Inverse Universe

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



67, 80.203, 329.349



65, 94.822, 329.895



89, 55.341, 160.056



48, 8.380, 326.746



44, 86.709, 330.989



11, 38.812, 330.602

Previews

White Background



This preview shows how the CIELCh color 67, 80.206, 329.349 looks on a white background.

Color Contrast Check

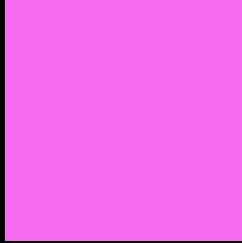
Large Text (above 18pt) WCAG AA × Fail

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, 80.206, 329.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

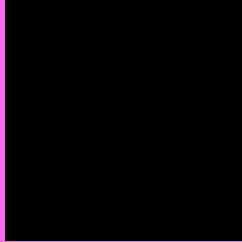
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 80.206, 329.349

Background



This preview shows how black text looks on a background with the CIELCh color 67, 80.206, 329.349.

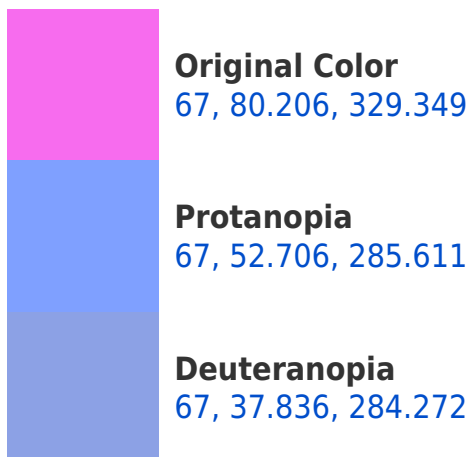


This preview shows how white text looks on a background with the CIELCh color 67, 80.206, 329.349.

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, 42.215, 17.491

Trichromacy



Original Color
67, 80.206, 329.349



Protanomaly
65, 60.685, 304.347



Deuteranomaly
66, 51.442, 308.159



Tritanomaly
67, 50.997, 351.536

Monochromacy



Original Color
67, 80.206, 329.349



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 31.697, 327.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 80.206, 329.349 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(247, 108, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 108, 238)  
}
```

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(247, 108, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 108, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 80.206, 329.349 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(247, 108, 238) }
```

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

```
.border{ border-color:rgb(247, 108, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 108, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 108, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 108, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 108,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 80.206, 329.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 108, 238) }
```

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

```
.background{ background-color: rgb(247,  
108, 238) }
```

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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