

Converting Colors

CIELCh(69, 60.626, 334.224)

Have a look what the booklet for
CIELCh(69, 60.626, 334.224)
contains.

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Color

CIELCh(69, 60.764, 334.156)

Conversions

Conversions Part 1

Format	Color
Hex	F180D9
RGB	241, 128, 217
RGB Percent	95%, 50%, 85%
CMY	0.0533, 0.4965, 0.1475
CMYK	0.00, 0.47, 0.10, 0.05
HSL	313°, 81%, 73%
HSV	313°, 47%, 95%
XYZ	56.7648, 39.3444, 70.5197
YIQ	171.9330, 38.7790, 51.6350

Conversions

Conversions Part 2

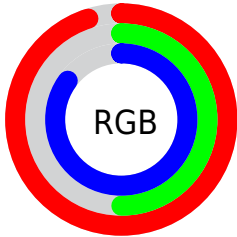
Format	Color
RYB	241, 128, 217
Decimal	15827161
CIELab	69.00, 54.69, -26.49
CIElCh	69, 60.764, 334.156
Yxy	39.3444, 0.3407, 0.2361
Android (android.graphics.Color)	4294017241 (0xFFFF180D9)
YUV	171.9330, 22.2180, 60.5718
Hunter-Lab	62.7251, 51.7694, -22.7502

Details

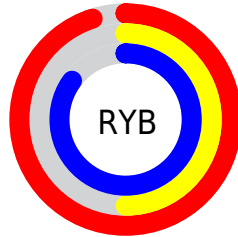
The CIELCh color $69, 60.764, 334.156$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $87, 60.733, 146.813$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 44.490, 325.965$, and $49, 60.626, 334.224$ is the 20% darker color. If you saturate the color by 10%, you get $65, 71.894, 334.924$, and if you desaturate by 10%, it is $74, 48.443, 333.423$.

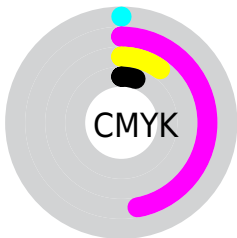
Distribution



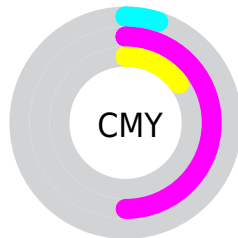
- Red (95%)
- Green (50%)
- Blue (85%)



- Red (95%)
- Yellow (50%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 60.764, 334.156 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 69, 60.764, 334.156 by changing the saturation by 10% instead.


 69, 60.764,
334.156


 69, 60.764,
334.156


 100, 60.764,
334.156


 59, 60.764,
334.156


 89, 60.764,
334.156

 49, 60.764,
334.156

 99, 60.764,
334.156

 39, 60.764,
334.156

 29, 60.764,
334.156

 19, 60.764,
334.156

 9, 60.764, 334.156

 0, 60.764, 334.156

69, 60.764,
334.156

69, 60.764,
334.156

65, 71.894,
334.924

74, 48.443,
333.423

61, 81.238,
335.739

79, 35.457,
332.717

58, 88.200,
336.625

85, 22.199,
332.033

56, 92.370,
337.619

91, 8.946, 331.359

97, 4.120, 150.864

55, 93.725,
338.765

99, 5.904, 163.188

55, 93.825,
339.153

99, 4.783, 188.900

99, 4.680, 199.250

Harmonies

Complementary

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



69, 60.764, 334.156



87, 60.733, 146.813

Rectangle

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



69, 60.764, 334.156



69, 60.764, 24.156



69, 60.764, 154.156



69, 60.764, 204.156

Sweetspot

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



69, 60.761, 334.156



91, 19.292, 331.847



60, 64.036, 302.401



47, 13.333, 331.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 60.761, 334.156



68, 74.227, 334.872



67, 46.893, 2.116



47, 7.426, 331.540



41, 76.617, 338.923



9, 34.188, 337.135

Inverse Universe

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



69, 60.761, 334.156



68, 74.227, 334.872



88, 40.703, 170.925



47, 7.426, 331.540



41, 76.617, 338.923



9, 34.188, 337.135

Previews

White Background



This preview shows how the CIELCh color 69, 60.764, 334.156 looks on a white background.

Color Contrast Check

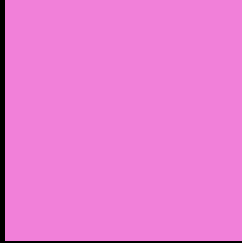
Large Text (above 18pt) WCAG AA × Fail

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 69, 60.764, 334.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

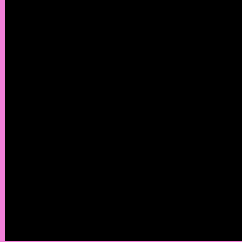
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 60.764, 334.156

Background



This preview shows how black text looks on a background with the CIELCh color 69, 60.764, 334.156.

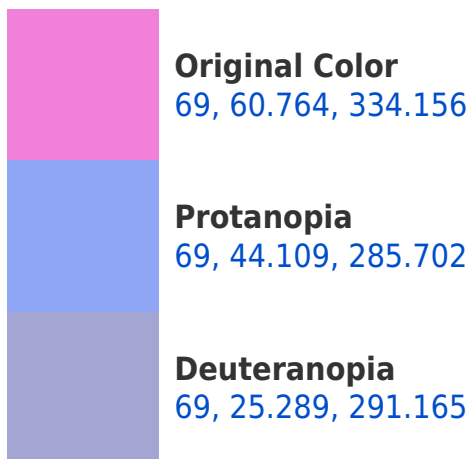


This preview shows how white text looks on a background with the CIELCh color 69, 60.764, 334.156.

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
69, 37.290, 14.242

Trichromacy



Original Color
69, 60.764, 334.156



Protanomaly
68, 47.248, 305.023



Deuteranomaly
68, 36.417, 315.546



Tritanomaly
69, 42.934, 354.946

Monochromacy



Original Color
69, 60.764, 334.156



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 23.604, 331.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 60.764, 334.156 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(241, 128, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 128, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 128, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 60.764, 334.156 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(241, 128, 217) }
```

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

```
.border{ border-color:rgb(241, 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(241, 128, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 128, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 128, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 128,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 60.764, 334.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 128, 217) }
```

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

```
.background{ background-color: rgb(241,  
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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