

Converting Colors

CIELCh(67, 46.314, 8.176)

Have a look what the booklet for
CIELCh(67, 46.314, 8.176) contains.

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Color

CIELCh(67, 46.632, 8.197)

Conversions

Conversions Part 1

Format	Color
Hex	F28099
RGB	242, 128, 153
RGB Percent	95%, 50%, 60%
CMY	0.0508, 0.4979, 0.3999
CMYK	0.00, 0.47, 0.37, 0.05
HSL	347°, 81%, 73%
HSV	347°, 47%, 95%
XYZ	50.1067, 36.6320, 34.5809
YIQ	164.9360, 59.9190, 31.9430

Conversions

Conversions Part 2

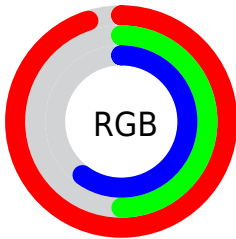
Format	Color
R _Y B	242, 128, 153
Decimal	15892633
CIE Lab	67.00, 46.16, 6.65
CIE LCh	67, 46.632, 8.197
Yxy	36.6320, 0.4130, 0.3019
Android (android.graphics.Color)	4294082713 (0xFF28099)
YUV	164.9360, -5.8844, 67.5851
Hunter-Lab	60.5244, 41.8584, 8.4914

Details

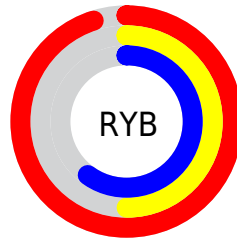
The CIELCh color $67, 46.632, 8.197$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $89, 38.462, 176.999$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 29.512, 356.754$, and $47, 46.694, 8.442$ is the 20% darker color. If you saturate the color by 10%, you get $62, 56.696, 10.573$, and if you desaturate by 10%, it is $72, 36.297, 6.307$.

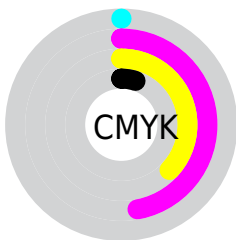
Distribution



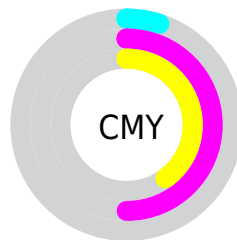
- Red (95%)
- Green (50%)
- Blue (60%)



- Red (95%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (37%)
- Black (5%)




- Cyan (5%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 46.632, 8.197 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, 46.632, 8.197 by changing the saturation by 10% instead.

 67, 46.632, 8.197  67, 46.632, 8.197

 100, 46.632, 8.197  57, 46.632, 8.197

 87, 46.632, 8.197  47, 46.632, 8.197

 97, 46.632, 8.197  37, 46.632, 8.197

 27, 46.632, 8.197

 17, 46.632, 8.197

 7, 46.632, 8.197

 0, 46.632, 8.197

 67, 46.632, 8.197  67, 46.632, 8.197

 62, 56.696, 10.573  72, 36.297, 6.307

■ 58, 66.084, 13.583

■ 78, 26.033, 4.770

■ 55, 74.398, 17.387

■ 85, 16.060, 3.490

■ 52, 81.435, 22.067

■ 91, 6.504, 2.371

■ 51, 87.324, 27.462

■ 97, 2.582, 181.771

■ 51, 88.984, 29.000

■ 99, 4.470, 199.270

Harmonies

Complementary

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



67, 46.632, 8.197



89, 38.462, 176.999

Rectangle

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



67, 46.632, 8.197



67, 46.632, 58.197



67, 46.632, 188.197



67, 46.632, 238.197

Sweetspot

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



67, 46.629, 8.199



91, 13.616, 3.137



67, 67.791, 319.804



47, 9.450, 3.385



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, 46.629, 8.199



65, 59.043, 10.589



73, 39.960, 45.881



47, 5.196, 2.631



38, 71.700, 27.945



8, 28.948, 14.669

Inverse Universe

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



67, 46.629, 8.199



65, 59.043, 10.589



81, 28.764, 232.508



47, 5.196, 2.631



38, 71.700, 27.945



8, 28.948, 14.669

Previews

White Background



This preview shows how the CIELCh color 67, 46.632, 8.197 looks on a white background.

Color Contrast Check

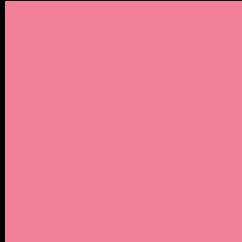
Large Text (above 18pt) WCAG AA × Fail

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, 46.632, 8.197 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, 46.632, 8.197

Background



This preview shows how black text looks on a background with the CIELCh color 67, 46.632, 8.197.

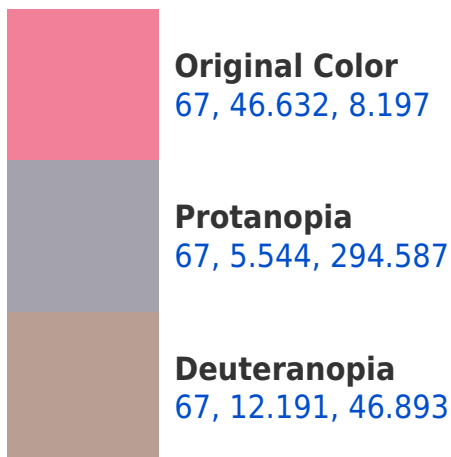


This preview shows how white text looks on a background with the CIELCh color 67, 46.632, 8.197.

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](#).

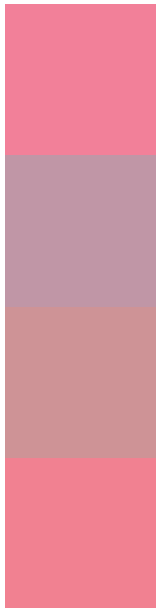
Dichromacy





Tritanopia
67, 45.549, 17.780

Trichromacy



Original Color
67, 46.632, 8.197

Protanomaly
66, 18.423, 352.740

Deuteranomaly
67, 23.820, 17.839

Tritanomaly
67, 45.746, 13.871

Monochromacy



Original Color
67, 46.632, 8.197

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 16.755, 3.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 46.632, 8.197 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(242, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 153)  
}
```

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(242, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 46.632, 8.197 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(242, 128, 153) }
```

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

```
.border{ border-color:rgb(242, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 46.632, 8.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 153) }
```

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

```
.background{ background-color: rgb(242,  
128, 153) }
```

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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