

Converting Colors

CIELCh(67, 48.194, 22.035)

Have a look what the booklet for
CIELCh(67, 48.194, 22.035) contains.

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Color

CIELCh(67, 48.167, 22.186)

Conversions

Conversions Part 1

Format	Color
Hex	F58185
RGB	245, 129, 133
RGB Percent	96%, 51%, 52%
CMY	0.0408, 0.4955, 0.4797
CMYK	0.00, 0.47, 0.46, 0.04
HSL	358°, 85%, 73%
HSV	358°, 47%, 96%
XYZ	49.5303, 36.6320, 26.5285
YIQ	164.1400, 67.8520, 25.8360

Conversions

Conversions Part 2

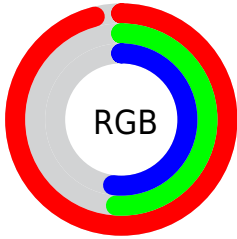
Format	Color
R _Y B	245, 129, 133
Decimal	16089477
CIE Lab	67.00, 44.60, 18.19
CIE LCh	67, 48.167, 22.186
Yxy	36.6320, 0.4395, 0.3251
Android (android.graphics.Color)	4294279557 (0xFFFF58185)
YUV	164.1400, -15.3520, 70.9142
Hunter-Lab	60.5244, 40.1585, 16.3796

Details

The CIELCh color **67, 48.167, 22.186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 34.841, 193.729**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 27.547, 19.529**, and **47, 48.201, 21.863** is the 20% darker color. If you saturate the color by 10%, you get **62, 59.657, 24.530**, and if you desaturate by 10%, it is **73, 36.911, 20.377**.

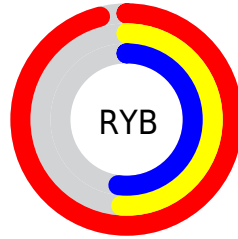
Distribution



Red (96%)

Green (51%)

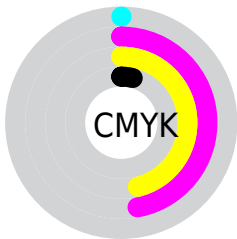
Blue (52%)



Red (96%)

Yellow (51%)

Blue (52%)

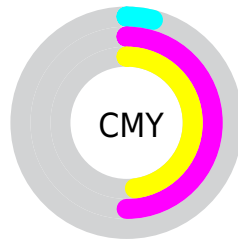


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (4%)



Cyan (4%)

Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 48.167, 22.186 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, 48.167, 22.186 by changing the saturation by 10% instead.

67, 48.167, 22.186

67, 48.167, 22.186

100, 48.167,
22.186

57, 48.167, 22.186

87, 48.167, 22.186

47, 48.167, 22.186

97, 48.167, 22.186

37, 48.167, 22.186

27, 48.167, 22.186

17, 48.167, 22.186

7, 48.167, 22.186

0, 48.167, 22.186

67, 48.167, 22.186

67, 48.167, 22.186

62, 59.657, 24.530

73, 36.911, 20.377

■ 58, 71.037, 27.507

■ 79, 26.147, 18.973

■ 54, 81.868, 31.124

■ 85, 16.013, 17.870

■ 52, 91.525, 35.083

■ 91, 6.561, 16.957

■ 51, 98.680, 38.464

■ 98, 2.215, 196.658

■ 51, 99.971, 39.011

■ 99, 3.595, 199.362

Harmonies

Complementary

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



67, 48.167, 22.186



90, 34.841, 193.729

Rectangle

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



67, 48.167, 22.186



67, 48.167, 72.186



67, 48.167, 202.186



67, 48.167, 252.186

Sweetspot

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



67, 48.164, 22.189



90, 13.158, 17.549



70, 70.937, 325.441



47, 9.158, 17.753



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, 48.164, 22.189



65, 61.242, 24.458



78, 39.462, 64.374



48, 5.080, 17.141



39, 81.029, 38.624



8, 30.805, 23.625

Inverse Universe

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



67, 48.164, 22.189



65, 61.242, 24.458



76, 32.791, 258.415



48, 5.080, 17.141



39, 81.029, 38.624



8, 30.805, 23.625

Previews

White Background



This preview shows how the CIELCh color 67, 48.167, 22.186 looks on a white background.

Color Contrast Check

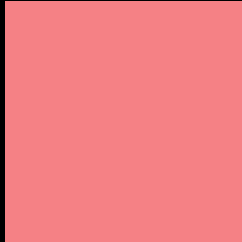
Large Text (above 18pt) WCAG AA × Fail

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, 48.167, 22.186 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, 48.167, 22.186

Background



This preview shows how black text looks on a background with the CIELCh color 67, 48.167, 22.186.

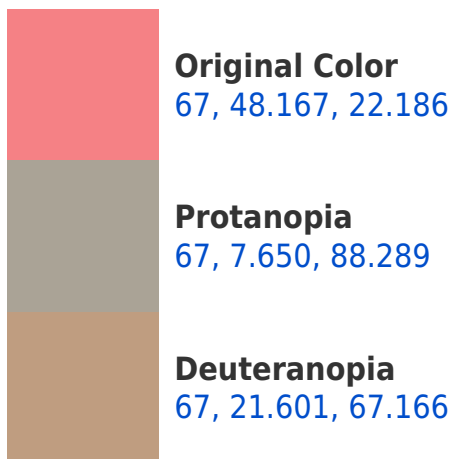


This preview shows how white text looks on a background with the CIELCh color 67, 48.167, 22.186.

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, 48.153, 19.132

Trichromacy



Original Color
67, 48.167, 22.186



Protanomaly
67, 19.219, 32.541



Deuteranomaly
67, 28.485, 40.580



Tritanomaly
67, 48.327, 20.404

Monochromacy



Original Color
67, 48.167, 22.186



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 16.760, 17.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 48.167, 22.186 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(245, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(245, 129, 133)  
}
```

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(245, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 129, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 48.167, 22.186 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(245, 129, 133) }
```

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

```
.border{ border-color:rgb(245, 129, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 129, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 129, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 129, 133);  
box-shadow:4px 4px 4px 4px rgb(245, 129,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 48.167, 22.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 129, 133) }
```

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

```
.background{ background-color: rgb(245,  
129, 133) }
```

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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