

Converting Colors

CIELCh(67, 57.145, 25.791)

Have a look what the booklet for
CIELCh(67, 57.145, 25.791) contains.

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Color

CIELCh(67, 56.624, 25.810)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A7A
RGB	255, 122, 122
RGB Percent	100%, 48%, 48%
CMY	0.0000, 0.5229, 0.5231
CMYK	0.00, 0.52, 0.52, 0.00
HSL	0°, 100%, 74%
HSV	0°, 52%, 100%
XYZ	51.9219, 36.6320, 22.6191
YIQ	161.7670, 79.2680, 28.1960

Conversions

Conversions Part 2

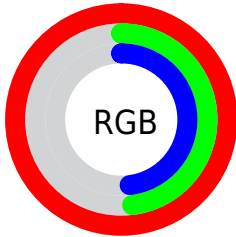
Format	Color
RYB	255, 122, 122
Decimal	16743034
CIELab	67.00, 50.98, 24.65
CIElCh	67, 56.624, 25.810
Yxy	36.6320, 0.4670, 0.3295
Android (android.graphics.Color)	4294933114 (0xFFFF7A7A)
YUV	161.7670, -19.6051, 81.7653
Hunter-Lab	60.5244, 47.2118, 20.2092

Details

The CIELCh color **67, 56.624, 25.810** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **93, 38.151, 197.123**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 30.954, 24.905**, and **47, 55.961, 25.992** is the 20% darker color. If you saturate the color by 10%, you get **62, 68.581, 28.345**, and if you desaturate by 10%, it is **72, 44.223, 23.792**.

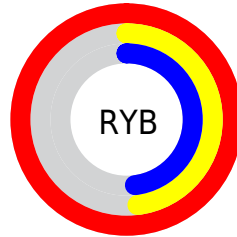
Distribution



Red (100%)

Green (48%)

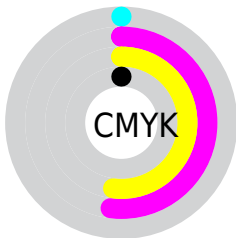
Blue (48%)



Red (100%)

Yellow (48%)

Blue (48%)

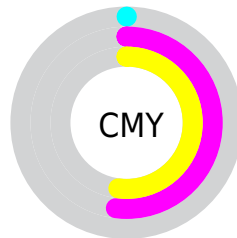


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 56.624, 25.810 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, 56.624, 25.810 by changing the saturation by 10% instead.

67, 56.624, 25.810

67, 56.624, 25.810

100, 56.624,
25.810

57, 56.624, 25.810

87, 56.624, 25.810

47, 56.624, 25.810

97, 56.624, 25.810

37, 56.624, 25.810

27, 56.624, 25.810

17, 56.624, 25.810

7, 56.624, 25.810

0, 56.624, 25.810

67, 56.624, 25.810

67, 56.624, 25.810

62, 68.581, 28.345

72, 44.223, 23.792

■ 58, 80.583, 31.525

■ 78, 32.617, 22.273

■ 55, 91.660, 35.123

■ 85, 21.682, 21.111

■ 54, 100.427,
38.376

■ 92, 11.500, 20.202

■ 98, 2.075, 19.260

■ 53, 104.571,
40.003

■ 100, 0.012,
296.813

Harmonies

Complementary

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



67, 56.624, 25.810



93, 38.151, 197.123

Rectangle

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



67, 56.624, 25.810



67, 56.624, 75.810



67, 56.624, 205.810



67, 56.624, 255.810

Sweetspot

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



67, 56.314, 25.780



89, 15.167, 20.515



71, 80.780, 327.162



46, 10.324, 20.700



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, 56.314, 25.780



62, 69.422, 28.545



81, 46.048, 68.784



49, 5.252, 19.975



40, 84.224, 40.004



10, 33.359, 27.196

Inverse Universe

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



93, 38.151, 197.123



92, 42.942, 196.845



74, 39.475, 265.747



52, 4.943, 198.997



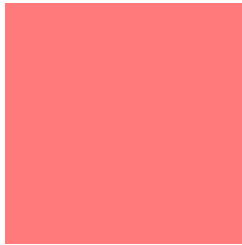
70, 40.342, 196.448



24, 18.560, 196.441

Previews

White Background



This preview shows how the CIELCh color 67, 56.624, 25.810 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, 56.624, 25.810 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, 56.624, 25.810

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.624, 25.810.

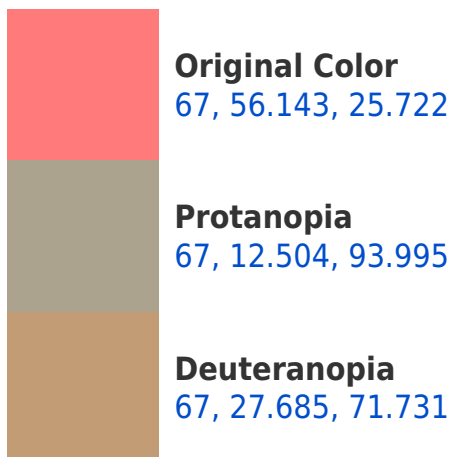


This preview shows how white text looks on a background with the CIELCh color 67, 56.624, 25.810.

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, 55.521, 21.520

Trichromacy



Original Color
67, 56.143, 25.722



Protanomaly
66, 24.027, 39.856



Deuteranomaly
66, 34.835, 45.758



Tritanomaly
67, 55.892, 23.151

Monochromacy



Original Color
67, 56.143, 25.722



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.807, 21.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.624, 25.810 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(255, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 122)  
}
```

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(255, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.624, 25.810 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(255, 122, 122) }
```

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

```
.border{ border-color:rgb(255, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.624, 25.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 122) }
```

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

```
.background{ background-color: rgb(255,  
122, 122) }
```

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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