

Converting Colors

CIELCh(67, 56.786, 25.891)

Have a look what the booklet for
CIELCh(67, 56.786, 25.891) contains.

CIELCh(67, 56.304, 26.248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 56.304, 26.248)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A79
RGB	255, 122, 121
RGB Percent	100%, 48%, 47%
CMY	0.0000, 0.5210, 0.5249
CMYK	0.00, 0.52, 0.52, 0.00
HSL	0°, 100%, 74%
HSV	0°, 52%, 100%
XYZ	51.7403, 36.6320, 22.4777
YIQ	161.6530, 79.5890, 27.8850

Conversions

Conversions Part 2

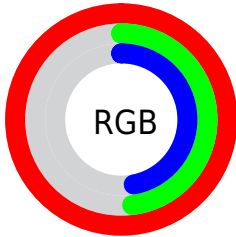
Format	Color
RYB	255, 122, 121
Decimal	16743033
CIELab	67.00, 50.50, 24.90
CIElCh	67, 56.304, 26.248
Yxy	36.6320, 0.4668, 0.3305
Android (android.graphics.Color)	4294933113 (0xFFFF7A79)
YUV	161.6530, -20.0419, 81.8653
Hunter-Lab	60.5244, 46.6764, 20.3478

Details

The CIELCh color **67, 56.304, 26.248** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **93, 37.942, 197.895**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.060, 25.854**, and **47, 56.158, 26.550** is the 20% darker color. If you saturate the color by 10%, you get **62, 68.491, 28.755**, and if you desaturate by 10%, it is **72, 44.170, 24.298**.

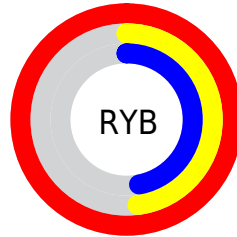
Distribution



Red (100%)

Green (48%)

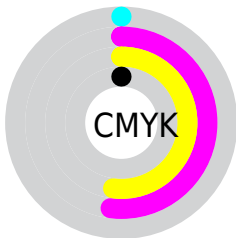
Blue (47%)



Red (100%)

Yellow (48%)

Blue (47%)

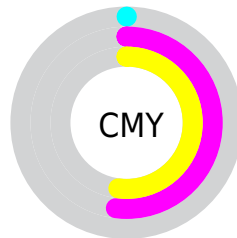


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 56.304, 26.248 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, 56.304, 26.248 by changing the saturation by 10% instead.

 67, 56.304, 26.248

 67, 56.304, 26.248

 100, 56.304,
26.248

 57, 56.304, 26.248

 87, 56.304, 26.248

 47, 56.304, 26.248

 97, 56.304, 26.248

 37, 56.304, 26.248

 27, 56.304, 26.248

 17, 56.304, 26.248

 7, 56.304, 26.248

 0, 56.304, 26.248

 67, 56.304, 26.248

 67, 56.304, 26.248

 62, 68.491, 28.755

 72, 44.170, 24.298

■ 58, 80.516, 31.863

■ 78, 32.609, 22.811

■ 56, 91.634, 35.366

■ 85, 21.726, 21.676

■ 54, 100.429,
38.506

■ 91, 11.596, 20.791

■ 98, 2.225, 19.891

■ 53, 104.484,
40.053

■ 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, 56.304, 26.248



93, 37.942, 197.895

Rectangle

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



67, 56.304, 26.248



67, 56.304, 76.248



67, 56.304, 206.248



67, 56.304, 256.248

Sweetspot

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



67, 56.231, 26.244



89, 15.061, 21.079



71, 81.023, 327.170



46, 10.252, 21.258



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, 56.231, 26.244



62, 69.110, 28.898



81, 46.227, 68.760



50, 5.214, 20.557



40, 84.124, 40.077



10, 33.208, 27.546

Inverse Universe

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



93, 37.942, 197.895



92, 42.591, 197.678



74, 39.607, 265.802



52, 4.907, 199.625



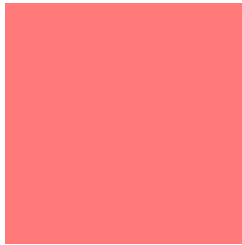
70, 39.927, 197.569



24, 18.392, 197.425

Previews

White Background



This preview shows how the CIELCh color 67, 56.304, 26.248 looks on a white background.

Color Contrast Check

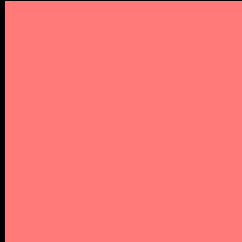
Large Text (above 18pt) WCAG AA × Fail

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, 56.304, 26.248 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, 56.304, 26.248

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.304, 26.248.

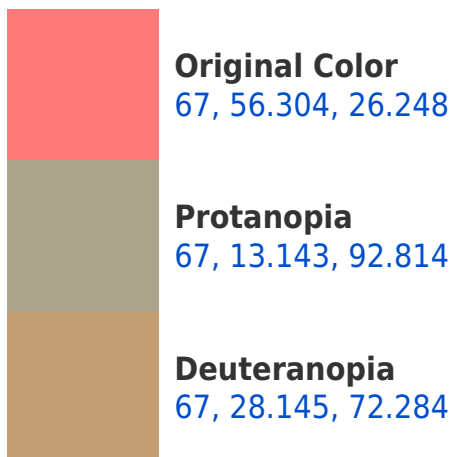


This preview shows how white text looks on a background with the CIELCh color 67, 56.304, 26.248.

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, 55.408, 20.971

Trichromacy



Original Color
67, 56.304, 26.248

Protanomaly
66, 24.272, 41.006

Deuteranomaly
66, 35.144, 46.477

Tritanomaly
67, 55.763, 22.610

Monochromacy



Original Color
67, 56.304, 26.248

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 19.427, 22.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.304, 26.248 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.304, 26.248 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, 121) }
```

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

```
.border{ border-color:rgb(255, 122, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.304, 26.248 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, 121) }
```

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

```
.background{ background-color: rgb(255,  
122, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor