

Converting Colors

CIELCh(70, 46.030, 33.423)

Have a look what the booklet for
CIELCh(70, 46.030, 33.423) contains.

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Color

CIELCh(70, 46.263, 33.555)

Conversions

Conversions Part 1

Format	Color
Hex	F88E7F
RGB	248, 142, 127
RGB Percent	97%, 56%, 50%
CMY	0.0282, 0.4437, 0.5026
CMYK	0.00, 0.43, 0.49, 0.03
HSL	7°, 89%, 73%
HSV	7°, 49%, 97%
XYZ	52.1162, 40.7494, 25.1450
YIQ	171.9840, 67.9910, 17.8070

Conversions

Conversions Part 2

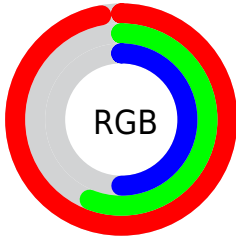
Format	Color
R _Y B	248, 144, 127
Decimal	16289407
CIE Lab	70.00, 38.55, 25.57
CIE LCh	70, 46.263, 33.555
Yxy	40.7494, 0.4416, 0.3453
Android (android.graphics.Color)	4294479487 (0xFFFF88E7F)
YUV	171.9840, -22.1771, 66.6660
Hunter-Lab	63.8353, 34.0187, 21.3300

Details

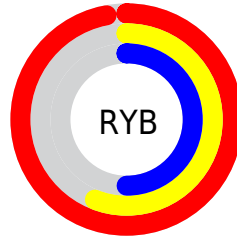
The CIELCh color **70, 46.263, 33.555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 31.602, 212.038**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 24.678, 41.940**, and **50, 46.174, 33.643** is the 20% darker color. If you saturate the color by 10%, you get **65, 57.760, 34.857**, and if you desaturate by 10%, it is **75, 35.367, 32.597**.

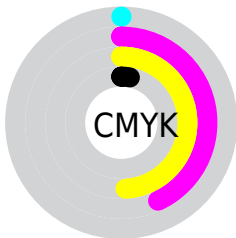
Distribution



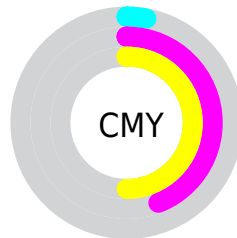
- Red (97%)
- Green (56%)
- Blue (50%)



- Red (97%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (43%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 46.263, 33.555 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 70, 46.263, 33.555 by changing the saturation by 10% instead.

 70, 46.263, 33.555

 70, 46.263, 33.555

 100, 46.263,
33.555

 60, 46.263, 33.555

 90, 46.263, 33.555

 50, 46.263, 33.555

 40, 46.263, 33.555

 30, 46.263, 33.555

 20, 46.263, 33.555

 10, 46.263, 33.555

 0, 46.263, 33.555

 70, 46.263, 33.555

 70, 46.263, 33.555

 65, 57.760, 34.857

 75, 35.367, 32.597

■ 61, 69.623, 36.513

■ 81, 25.193, 31.915

■ 58, 81.369, 38.435

■ 86, 15.772, 31.448

■ 55, 91.955, 40.238

■ 92, 7.085, 31.118

■ 53, 99.477, 41.181

■ 98, 0.916, 211.773

■ 53, 100.230,
41.312

■ 99, 2.489, 199.514

Harmonies

Complementary

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



70, 46.263, 33.555



87, 31.602, 212.038

Rectangle

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



70, 46.263, 33.555



70, 46.263, 83.555



70, 46.263, 213.555



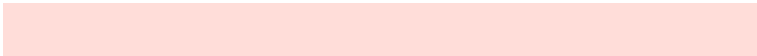
70, 46.263, 263.555

Sweetspot

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



70, 46.261, 33.559



91, 12.666, 31.314



70, 68.731, 330.704



47, 8.718, 31.386



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 46.261, 33.559



67, 59.355, 34.898



84, 43.901, 80.303



49, 4.614, 31.140



40, 81.344, 41.580



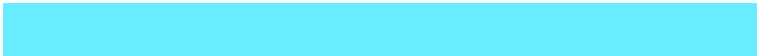
10, 29.863, 32.488

Inverse Universe

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



87, 31.602, 212.038



87, 36.725, 212.824



70, 42.132, 276.115



51, 4.337, 211.094



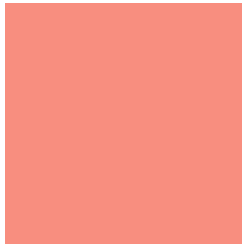
62, 35.057, 219.159



20, 16.006, 215.921

Previews

White Background



This preview shows how the CIELCh color 70, 46.263, 33.555 looks on a white background.

Color Contrast Check

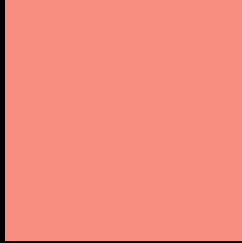
Large Text (above 18pt) WCAG AA × Fail

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 70, 46.263, 33.555 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 70, 46.263, 33.555

Background



This preview shows how black text looks on a background with the CIELCh color 70, 46.263, 33.555.

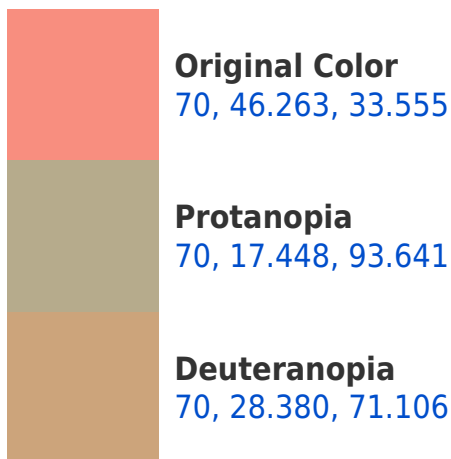


This preview shows how white text looks on a background with the CIELCh color 70, 46.263, 33.555.

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
70, 44.677, 17.354

Trichromacy



Original Color
70, 46.263, 33.555

Protanomaly
69, 23.833, 55.223

Deuteranomaly
70, 33.036, 52.643

Tritanomaly
70, 44.980, 23.349

Monochromacy



Original Color
70, 46.263, 33.555

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 15.818, 30.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 46.263, 33.555 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(248, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(248, 142, 127)  
}
```

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(248, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 142, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 46.263, 33.555 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(248, 142, 127) }
```

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

```
.border{ border-color:rgb(248, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(248, 142,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 46.263, 33.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 142, 127) }
```

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

```
.background{ background-color: rgb(248,  
142, 127) }
```

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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