

Converting Colors

CIELCh(79, 78.756, 32.318)

Have a look what the booklet for
CIELCh(79, 78.756, 32.318) contains.

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Color

CIELCh(70, 52.129, 33.127)

Conversions

Conversions Part 1

Format	Color
Hex	FF897A
RGB	255, 137, 122
RGB Percent	100%, 54%, 48%
CMY	0.0000, 0.4629, 0.5220
CMYK	0.00, 0.46, 0.52, 0.00
HSL	7°, 100%, 74%
HSV	7°, 52%, 100%
XYZ	54.0900, 40.7494, 23.3940
YIQ	170.5720, 75.1430, 20.3510

Conversions

Conversions Part 2

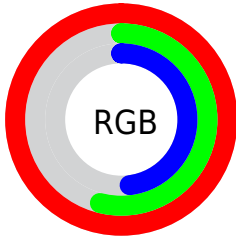
Format	Color
R _Y B	255, 139, 122
Decimal	16746874
CIE Lab	70.00, 43.66, 28.49
CIE LCh	70, 52.129, 33.127
Yxy	40.7494, 0.4575, 0.3447
Android (android.graphics.Color)	4294936954 (0xFFFF897A)
YUV	170.5720, -23.9460, 74.0434
Hunter-Lab	63.8353, 39.5379, 22.9564

Details

The CIELCh color **70, 52.129, 33.127** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 34.175, 210.794**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 26.744, 40.496**, and **50, 51.732, 33.145** is the 20% darker color. If you saturate the color by 10%, you get **65, 63.649, 34.694**, and if you desaturate by 10%, it is **75, 40.222, 32.012**.

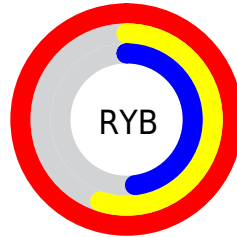
Distribution



Red (100%)

Green (54%)

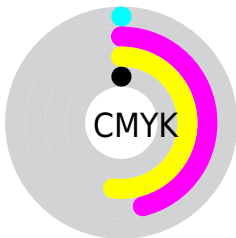
Blue (48%)



Red (100%)

Yellow (55%)

Blue (48%)

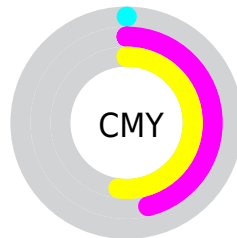


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 52.129, 33.127 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, 52.129, 33.127 by changing the saturation by 10% instead.

 70, 52.129, 33.127

 70, 52.129, 33.127

 100, 52.129,
33.127

 60, 52.129, 33.127

 90, 52.129, 33.127

 50, 52.129, 33.127

 40, 52.129, 33.127

 30, 52.129, 33.127

 20, 52.129, 33.127

 10, 52.129, 33.127

 0, 52.129, 33.127

 70, 52.129, 33.127

 70, 52.129, 33.127

 65, 63.649, 34.694

 75, 40.222, 32.012

61, 75.838, 36.587

81, 29.472, 31.170

58, 87.593, 38.679

86, 19.487, 30.576

55, 97.494, 40.405

92, 10.266, 30.159

54, 102.744,
41.109

99, 1.773, 29.610

100, 0.012,
296.813

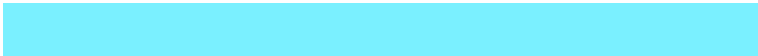
Harmonies

Complementary

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



70, 52.129, 33.127



89, 34.175, 210.794

Rectangle

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



70, 52.129, 33.127



70, 52.129, 83.127



70, 52.129, 213.127



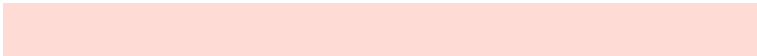
70, 52.129, 263.127

Sweetspot

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



70, 51.669, 33.169



90, 13.685, 30.303



71, 75.427, 330.327



47, 9.320, 30.387



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, 51.669, 33.169



65, 64.627, 34.834



84, 47.760, 78.300



50, 4.732, 30.063



41, 82.429, 41.365



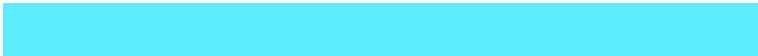
11, 31.273, 32.724

Inverse Universe

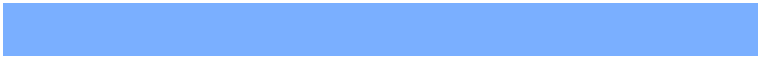
The Inverse Universe completely reimagines the original color for something new.



89, 34.175, 210.794



87, 38.460, 211.612



71, 45.123, 275.645



52, 4.447, 209.924



64, 35.620, 216.929



21, 16.541, 214.152

Previews

White Background



This preview shows how the CIELCh color 70, 52.129, 33.127 looks on a white background.

Color Contrast Check

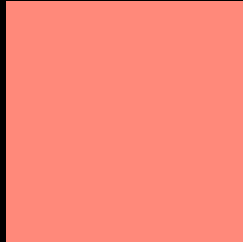
Large Text (above 18pt) WCAG AA × Fail

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, 52.129, 33.127 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, 52.129, 33.127

Background



This preview shows how black text looks on a background with the CIELCh color 70, 52.129, 33.127.

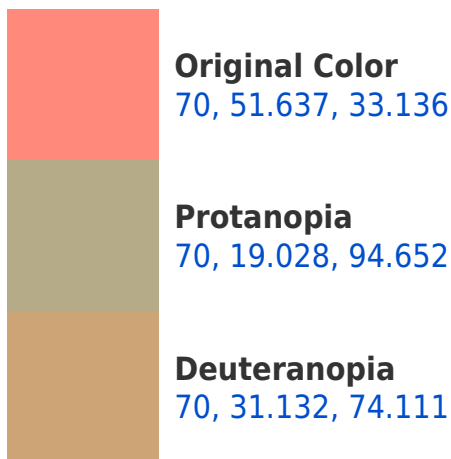


This preview shows how white text looks on a background with the CIELCh color 70, 52.129, 33.127.

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, 48.969, 19.149

Trichromacy



Original Color
70, 51.637, 33.136

Protanomaly
69, 26.006, 54.896

Deuteranomaly
70, 36.075, 52.811

Tritanomaly
70, 49.462, 24.568

Monochromacy



Original Color
70, 51.637, 33.136

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.625, 31.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 52.129, 33.127 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, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 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, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 52.129, 33.127 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, 137, 122) }
```

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

```
.border{ border-color:rgb(255, 137, 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, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 52.129, 33.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 122) }
```

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

```
.background{ background-color: rgb(255,  
137, 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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