

Converting Colors

CIELCh(70, 51.277, 34.236)

Have a look what the booklet for
CIELCh(70, 51.277, 34.236) contains.

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Color

CIELCh(70, 51.173, 34.273)

Conversions

Conversions Part 1

Format	Color
Hex	FE8A79
RGB	254, 138, 121
RGB Percent	100%, 54%, 47%
CMY	0.0029, 0.4579, 0.5246
CMYK	0.00, 0.46, 0.52, 0.00
HSL	8°, 99%, 74%
HSV	8°, 52%, 100%
XYZ	53.5558, 40.7494, 23.2018
YIQ	170.7460, 74.5930, 19.3050

Conversions

Conversions Part 2

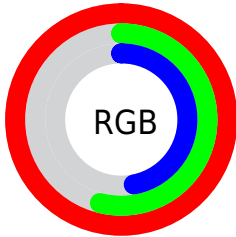
Format	Color
R_{YB}	254, 140, 121
Decimal	16681593
CIE _{Lab}	70.00, 42.29, 28.82
CIE _{LCh}	70, 51.173, 34.273
Yxy	40.7494, 0.4558, 0.3468
Android (android.graphics.Color)	4294871673 (0xFFFE8A79)
YUV	170.7460, -24.5248, 73.0138
Hunter-Lab	63.8353, 38.0442, 23.1350

Details

The CIELCh color **70, 51.173, 34.273** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 33.788, 212.823**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 26.809, 42.745**, and **50, 51.277, 34.236** is the 20% darker color. If you saturate the color by 10%, you get **65, 63.066, 35.669**, and if you desaturate by 10%, it is **75, 39.832, 33.229**.

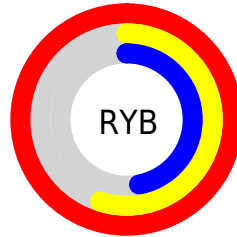
Distribution



Red (100%)

Green (54%)

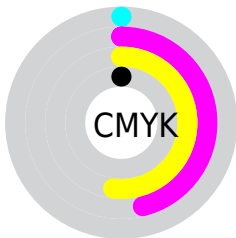
Blue (47%)



Red (100%)

Yellow (55%)

Blue (47%)

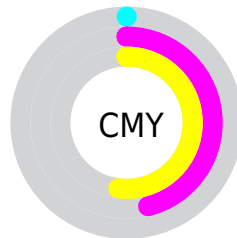


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 51.173, 34.273 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, 51.173, 34.273 by changing the saturation by 10% instead.


 70, 51.173, 34.273

 70, 51.173, 34.273

 100, 51.173,
34.273

 60, 51.173, 34.273

 90, 51.173, 34.273

 50, 51.173, 34.273

 40, 51.173, 34.273

 30, 51.173, 34.273

 20, 51.173, 34.273

 10, 51.173, 34.273

 0, 51.173, 34.273

 70, 51.173, 34.273

 70, 51.173, 34.273

 65, 63.066, 35.669

 75, 39.832, 33.229

61, 75.204, 37.400

81, 29.202, 32.479

58, 86.945, 39.299

86, 19.338, 31.965

55, 96.868, 40.811

92, 10.235, 31.619

54, 102.123,
41.360

98, 1.852, 31.151

100, 0.255,
201.985

Harmonies

Complementary

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



70, 51.173, 34.273



88, 33.788, 212.823

Rectangle

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



70, 51.173, 34.273



70, 51.173, 84.273



70, 51.173, 214.273



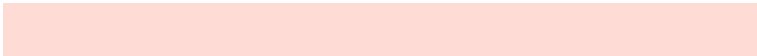
70, 51.173, 264.273

Sweetspot

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



70, 51.171, 34.277



90, 13.525, 31.732



70, 74.574, 330.915



47, 9.211, 31.801



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, 51.171, 34.277



65, 64.033, 35.778



85, 48.201, 79.778



50, 4.677, 31.537



41, 82.086, 41.640



11, 31.040, 33.451

Inverse Universe

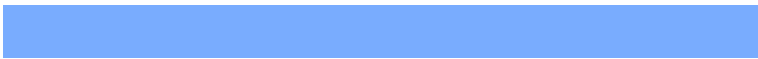
The Inverse Universe completely reimagines the original color for something new.



88, 33.788, 212.823



86, 38.063, 213.802



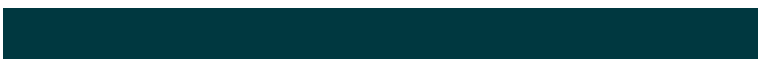
70, 46.197, 277.109



52, 4.396, 211.524



63, 35.343, 220.011



21, 16.393, 216.799

Previews

White Background



This preview shows how the CIELCh color 70, 51.173, 34.273 looks on a white background.

Color Contrast Check

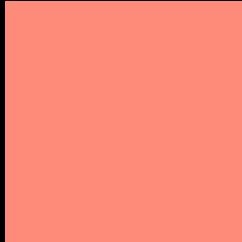
Large Text (above 18pt) WCAG AA × Fail

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, 51.173, 34.273 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, 51.173, 34.273

Background



This preview shows how black text looks on a background with the CIELCh color 70, 51.173, 34.273.

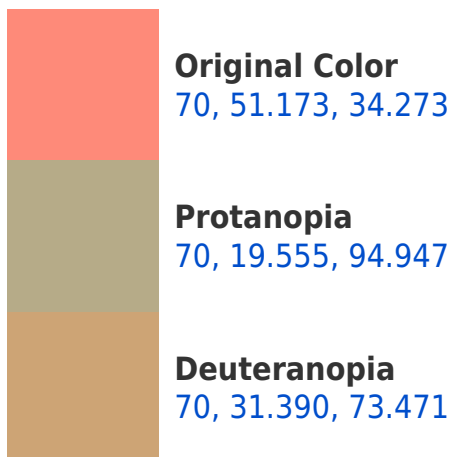


This preview shows how white text looks on a background with the CIELCh color 70, 51.173, 34.273.

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](#).

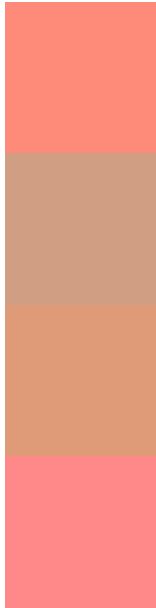
Dichromacy





Tritanopia
70, 48.893, 18.526

Trichromacy



Original Color
70, 51.173, 34.273

Protanomaly
69, 26.014, 56.286

Deuteranomaly
70, 36.002, 53.790

Tritanomaly
70, 49.462, 24.568

Monochromacy



Original Color
70, 51.173, 34.273

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.220, 31.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 51.173, 34.273 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(254, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 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(254, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 51.173, 34.273 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(254, 138, 121) }
```

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

```
.border{ border-color:rgb(254, 138, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 138, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 51.173, 34.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 121) }
```

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

```
.background{ background-color: rgb(254,  
138, 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](#).

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