

Converting Colors

CIELCh(70, 50.094, 34.552)

Have a look what the booklet for
CIELCh(70, 50.094, 34.552) contains.

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Color

CIELCh(70, 50.263, 34.349)

Conversions

Conversions Part 1

Format	Color
Hex	FD8B7A
RGB	253, 139, 122
RGB Percent	99%, 55%, 48%
CMY	0.0079, 0.4549, 0.5216
CMYK	0.00, 0.45, 0.52, 0.01
HSL	8°, 97%, 74%
HSV	8°, 52%, 99%
XYZ	53.2492, 40.7494, 23.4693
YIQ	171.1480, 73.4010, 18.8810

Conversions

Conversions Part 2

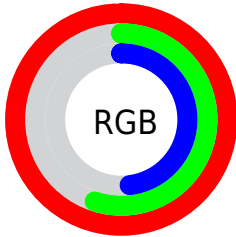
Format	Color
R _Y B	253, 142, 122
Decimal	16616314
CIE Lab	70.00, 41.50, 28.36
CIE LCh	70, 50.263, 34.349
Yxy	40.7494, 0.4533, 0.3469
Android (android.graphics.Color)	4294806394 (0xFFFD8B7A)
YUV	171.1480, -24.2300, 71.7842
Hunter-Lab	63.8353, 37.1869, 22.8865

Details

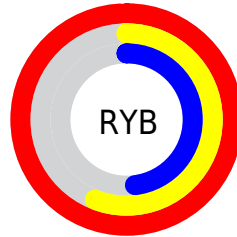
The CIELCh color **70, 50.263, 34.349** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 33.366, 213.044**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 26.397, 43.051**, and **50, 50.308, 34.226** is the 20% darker color. If you saturate the color by 10%, you get **65, 62.074, 35.708**, and if you desaturate by 10%, it is **75, 39.016, 33.338**.

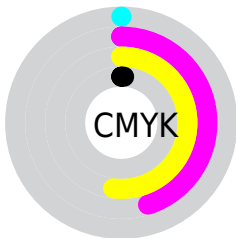
Distribution



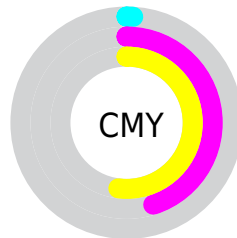
- Red (99%)
- Green (55%)
- Blue (48%)



- Red (99%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (45%)
- Yellow (52%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 50.263, 34.349 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, 50.263, 34.349 by changing the saturation by 10% instead.

 70, 50.263, 34.349

 70, 50.263, 34.349

 100, 50.263,
34.349

 60, 50.263, 34.349

 90, 50.263, 34.349

 50, 50.263, 34.349

 40, 50.263, 34.349

 30, 50.263, 34.349

 20, 50.263, 34.349

 10, 50.263, 34.349

 0, 50.263, 34.349

 70, 50.263, 34.349

 70, 50.263, 34.349

 65, 62.074, 35.708

 75, 39.016, 33.338

61, 74.159, 37.400

81, 28.484, 32.615

58, 85.904, 39.274

86, 18.717, 32.123

55, 95.958, 40.806

92, 9.705, 31.793

54, 101.676,
41.399

98, 1.405, 31.232

100, 0.698,
200.310

Harmonies

Complementary

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



70, 50.263, 34.349



88, 33.366, 213.044

Rectangle

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



70, 50.263, 34.349



70, 50.263, 84.349



70, 50.263, 214.349



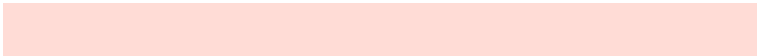
70, 50.263, 264.349

Sweetspot

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



70, 50.261, 34.353



90, 13.505, 31.918



70, 73.603, 330.882



47, 9.198, 31.986



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, 50.261, 34.353



66, 62.746, 35.745



84, 47.482, 79.861



50, 4.670, 31.729



41, 82.040, 41.678



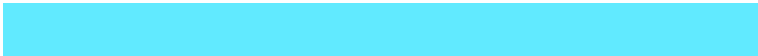
11, 31.011, 33.544

Inverse Universe

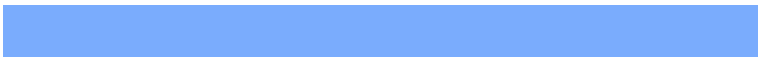
The Inverse Universe completely reimagines the original color for something new.



88, 33.366, 213.044



86, 37.672, 213.979



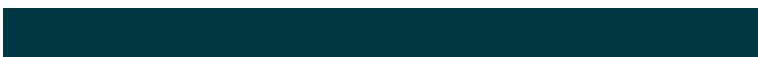
70, 45.516, 276.950



52, 4.389, 211.733



63, 35.314, 220.413



21, 16.376, 217.145

Previews

White Background



This preview shows how the CIELCh color 70, 50.263, 34.349 looks on a white background.

Color Contrast Check

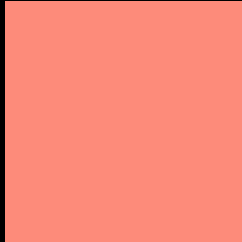
Large Text (above 18pt) WCAG AA × Fail

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, 50.263, 34.349 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, 50.263, 34.349

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.263, 34.349.

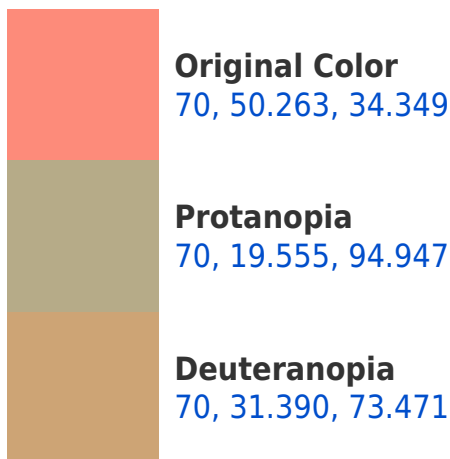


This preview shows how white text looks on a background with the CIELCh color 70, 50.263, 34.349.

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, 48.512, 19.020

Trichromacy



Original Color
70, 50.263, 34.349

Protanomaly
69, 26.014, 56.286

Deuteranomaly
70, 35.631, 54.148

Tritanomaly
70, 48.577, 24.450

Monochromacy



Original Color
70, 50.263, 34.349

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, 50.263, 34.349 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(253, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 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(253, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.263, 34.349 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(253, 139, 122) }
```

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

```
.border{ border-color:rgb(253, 139, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(253, 139,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.263, 34.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 122) }
```

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

```
.background{ background-color: rgb(253,  
139, 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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