

Converting Colors

CIELCh(70, 51.789, 36.861)

Have a look what the booklet for
CIELCh(70, 51.789, 36.861) contains.

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Color

CIELCh(70, 51.875, 36.950)

Conversions

Conversions Part 1

Format	Color
Hex	FE8B75
RGB	254, 139, 117
RGB Percent	100%, 55%, 46%
CMY	0.0045, 0.4554, 0.5417
CMYK	0.00, 0.45, 0.54, 0.00
HSL	10°, 98%, 73%
HSV	10°, 54%, 100%
XYZ	53.2331, 40.7494, 21.8505
YIQ	170.8770, 75.6020, 17.5380

Conversions

Conversions Part 2

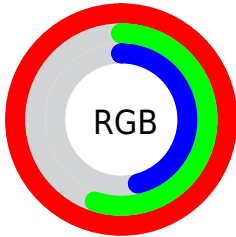
Format	Color
R _Y B	254, 143, 117
Decimal	16681845
CIE Lab	70.00, 41.46, 31.18
CIE LCh	70, 51.875, 36.950
Yxy	40.7494, 0.4596, 0.3518
Android (android.graphics.Color)	4294871925 (0xFFFE8B75)
YUV	170.8770, -26.5614, 72.8989
Hunter-Lab	63.8353, 37.1419, 24.3900

Details

The CIELCh color **70, 51.875, 36.950** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **86, 33.782, 217.649**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 28.048, 48.596**, and **50, 52.099, 36.940** is the 20% darker color. If you saturate the color by 10%, you get **65, 63.677, 38.092**, and if you desaturate by 10%, it is **75, 40.639, 36.113**.

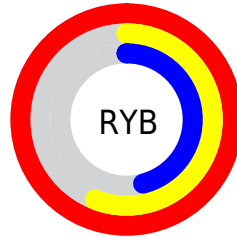
Distribution



Red (100%)

Green (55%)

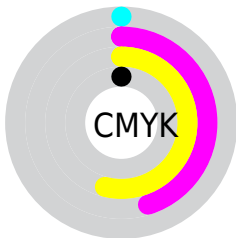
Blue (46%)



Red (100%)

Yellow (56%)

Blue (46%)

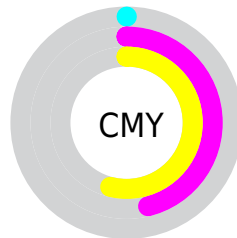


Cyan (0%)

Magenta (45%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 51.875, 36.950 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, 51.875, 36.950 by changing the saturation by 10% instead.

 70, 51.875, 36.950

 70, 51.875, 36.950

 100, 51.875,
36.950

 60, 51.875, 36.950

 90, 51.875, 36.950

 50, 51.875, 36.950

 40, 51.875, 36.950

 30, 51.875, 36.950

 20, 51.875, 36.950

 10, 51.875, 36.950

 0, 51.875, 36.950

 70, 51.875, 36.950

 70, 51.875, 36.950

 65, 63.677, 38.092

 75, 40.639, 36.113

62, 75.724, 39.494

80, 30.122, 35.540

58, 87.302, 40.951

86, 20.371, 35.183

56, 96.838, 41.864

91, 11.377, 34.985

55, 100.985,
42.025

97, 3.094, 34.790

100, 0.401,
201.032

Harmonies

Complementary

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



70, 51.875, 36.950



86, 33.782, 217.649

Rectangle

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



70, 51.875, 36.950



70, 51.875, 86.950



70, 51.875, 216.950



70, 51.875, 266.950

Sweetspot

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



70, 51.873, 36.954



91, 13.203, 35.016



69, 74.760, 332.232



47, 8.992, 35.051



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, 51.873, 36.954



65, 65.171, 38.229



85, 50.656, 82.439



50, 4.565, 34.924



41, 81.219, 42.361



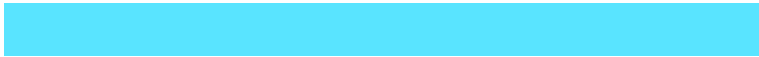
11, 30.555, 35.062

Inverse Universe

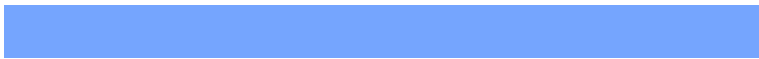
The Inverse Universe completely reimagines the original color for something new.



86, 33.782, 217.649



85, 38.028, 219.137



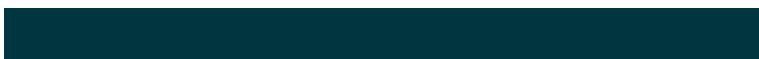
68, 49.921, 280.255



52, 4.293, 215.199



61, 35.069, 227.042



20, 16.181, 222.862

Previews

White Background



This preview shows how the CIELCh color 70, 51.875, 36.950 looks on a white background.

Color Contrast Check

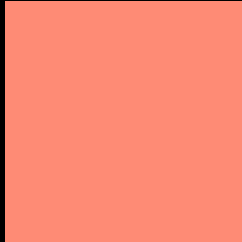
Large Text (above 18pt) WCAG AA × Fail

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, 51.875, 36.950 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, 51.875, 36.950

Background



This preview shows how black text looks on a background with the CIELCh color 70, 51.875, 36.950.

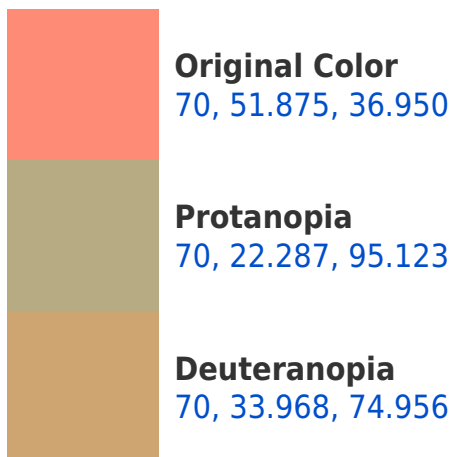


This preview shows how white text looks on a background with the CIELCh color 70, 51.875, 36.950.

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, 51.875, 36.950

Protanomaly
69, 28.259, 59.712

Deuteranomaly
70, 37.854, 56.696

Tritanomaly
70, 49.599, 25.169

Monochromacy



Original Color
70, 51.875, 36.950

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.551, 35.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 51.875, 36.950 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, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(254, 139, 117)  
}
```

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, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 139, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 51.875, 36.950 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, 139, 117) }
```

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

```
.border{ border-color:rgb(254, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(254, 139,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 51.875, 36.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 139, 117) }
```

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

```
.background{ background-color: rgb(254,  
139, 117) }
```

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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