

Converting Colors

CIELCh(70, 50.359, 43.306)

Have a look what the booklet for
CIELCh(70, 50.359, 43.306) contains.

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Color

CIELCh(70, 50.461, 43.503)

Conversions

Conversions Part 1

Format	Color
Hex	F88F6E
RGB	248, 143, 110
RGB Percent	97%, 56%, 43%
CMY	0.0273, 0.4390, 0.5685
CMYK	0.00, 0.42, 0.56, 0.03
HSL	14°, 91%, 70%
HSV	14°, 56%, 97%
XYZ	51.3739, 40.7494, 19.9207
YIQ	170.6330, 73.1730, 11.9970

Conversions

Conversions Part 2

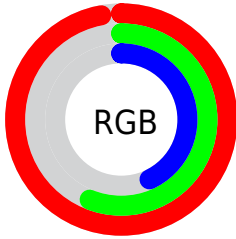
Format	Color
R _Y B	248, 153, 110
Decimal	16289646
CIE Lab	70.00, 36.60, 34.74
CIE LCh	70, 50.461, 43.503
Yxy	40.7494, 0.4585, 0.3637
Android (android.graphics.Color)	4294479726 (0xFFFF88F6E)
YUV	170.6330, -29.8921, 67.8509
Hunter-Lab	63.8353, 31.9431, 26.1824

Details

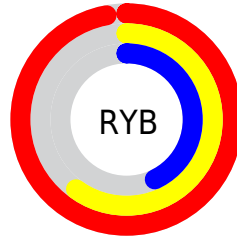
The CIELCh color **70, 50.461, 43.503** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 33.192, 229.941**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 30.206, 58.834**, and **50, 50.151, 43.392** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.705, 43.936**, and if you desaturate by 10%, it is **75, 39.787, 43.262**.

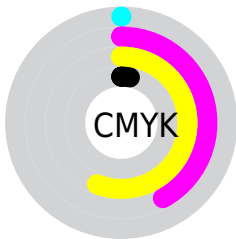
Distribution



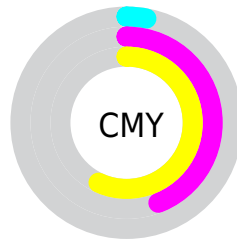
- Red (97%)
- Green (56%)
- Blue (43%)



- Red (97%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 50.461, 43.503 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, 50.461, 43.503 by changing the saturation by 10% instead.

 70, 50.461, 43.503

 70, 50.461, 43.503

 100, 50.461,
43.503

 60, 50.461, 43.503

 90, 50.461, 43.503

 50, 50.461, 43.503

 40, 50.461, 43.503

 30, 50.461, 43.503

 20, 50.461, 43.503

 10, 50.461, 43.503

 0, 50.461, 43.503

 70, 50.461, 43.503

 70, 50.461, 43.503

 66, 61.705, 43.936

 75, 39.787, 43.262

62, 73.199, 44.480

79, 29.816, 43.202

59, 84.175, 44.897

84, 20.576, 43.297

56, 93.041, 44.609

89, 12.044, 43.509

55, 96.111, 44.332

95, 4.169, 43.743

99, 2.409, 199.527

Harmonies

Complementary

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



70, 50.461, 43.503



81, 33.192, 229.941

Rectangle

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



70, 50.461, 43.503



70, 50.461, 93.503



70, 50.461, 223.503



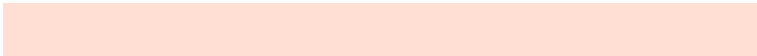
70, 50.461, 273.503

Sweetspot

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



70, 50.459, 43.507



91, 13.466, 43.474



67, 71.222, 335.728



47, 9.082, 43.427



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, 50.459, 43.507



67, 64.722, 44.011



86, 54.183, 88.907



49, 4.296, 43.667



42, 77.799, 44.794



11, 28.163, 38.971

Inverse Universe

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



81, 33.192, 229.941



80, 38.260, 232.607



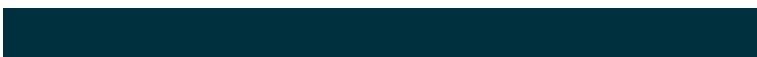
62, 56.881, 286.476



51, 4.057, 224.656



56, 36.085, 244.060



17, 15.934, 237.602

Previews

White Background



This preview shows how the CIELCh color 70, 50.461, 43.503 looks on a white background.

Color Contrast Check

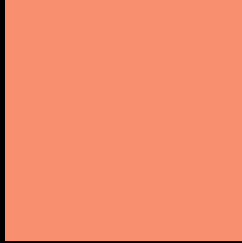
Large Text (above 18pt) WCAG AA × Fail

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, 50.461, 43.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

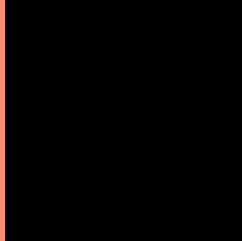
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 50.461, 43.503

Background



This preview shows how black text looks on a background with the CIELCh color 70, 50.461, 43.503.

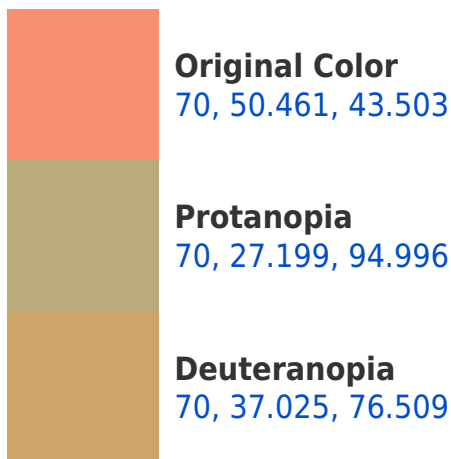


This preview shows how white text looks on a background with the CIELCh color 70, 50.461, 43.503.

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, 45.930, 17.708

Trichromacy



Original Color
70, 50.461, 43.503

Protanomaly
70, 31.386, 67.756

Deuteranomaly
70, 40.249, 61.503

Tritanomaly
70, 46.369, 27.928

Monochromacy



Original Color
70, 50.461, 43.503

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 16.798, 43.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 50.461, 43.503 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, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(248, 143, 110)  
}
```

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, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 143, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 50.461, 43.503 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, 143, 110) }
```

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

```
.border{ border-color:rgb(248, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(248, 143,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 50.461, 43.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 143, 110) }
```

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

```
.background{ background-color: rgb(248,  
143, 110) }
```

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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