

Converting Colors

CIELCh(85, 94.003, 36.273)

Have a look what the booklet for
CIELCh(85, 94.003, 36.273) contains.

CIELCh(70, 53.376, 39.923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 53.376, 39.923)

Conversions

Conversions Part 1

Format	Color
Hex	FE8B6F
RGB	254, 139, 111
RGB Percent	100%, 55%, 44%
CMY	0.0037, 0.4542, 0.5638
CMYK	0.00, 0.45, 0.56, 0.00
HSL	12°, 99%, 72%
HSV	12°, 56%, 100%
XYZ	53.0311, 40.7494, 20.1757
YIQ	170.1930, 77.5280, 15.6720

Conversions

Conversions Part 2

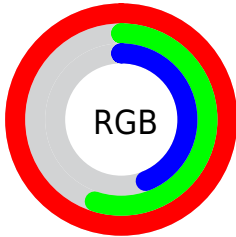
Format	Color
R_{YB}	254, 146, 111
Decimal	16681839
CIE _{Lab}	70.00, 40.93, 34.25
CIE _{LCh}	70, 53.376, 39.923
Yxy	40.7494, 0.4654, 0.3576
Android (android.graphics.Color)	4294871919 (0xFFFE8B6F)
YUV	170.1930, -29.1821, 73.4987
Hunter-Lab	63.8353, 36.5771, 25.9455

Details

The CIELCh color **70, 53.376, 39.923** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 34.265, 223.262**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 29.947, 53.442**, and **50, 53.563, 39.487** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.111, 40.785**, and if you desaturate by 10%, it is **75, 42.192, 39.313**.

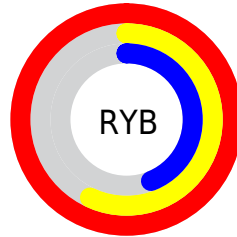
Distribution



Red (100%)

Green (55%)

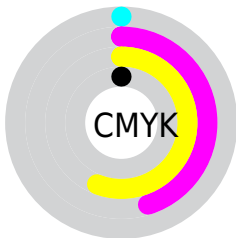
Blue (44%)



Red (100%)

Yellow (57%)

Blue (44%)

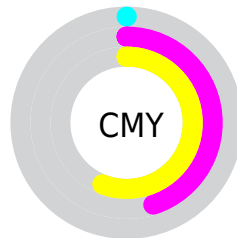


Cyan (0%)

Magenta (45%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 53.376, 39.923 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, 53.376, 39.923 by changing the saturation by 10% instead.

 70, 53.376, 39.923

 70, 53.376, 39.923

 100, 53.376,
39.923

 60, 53.376, 39.923

 90, 53.376, 39.923

 50, 53.376, 39.923

 40, 53.376, 39.923

 30, 53.376, 39.923

 20, 53.376, 39.923

 10, 53.376, 39.923

 0, 53.376, 39.923

 70, 53.376, 39.923

 70, 53.376, 39.923

 66, 65.111, 40.785

 75, 42.192, 39.313

62, 77.035, 41.820

80, 31.722, 38.933

59, 88.302, 42.763

85, 22.013, 38.749

56, 97.138, 42.955

91, 13.054, 38.713

55, 99.760, 42.916

96, 4.800, 38.736

100, 0.330,
201.390

Harmonies

Complementary

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



70, 53.376, 39.923



84, 34.265, 223.262

Rectangle

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



70, 53.376, 39.923



70, 53.376, 89.923



70, 53.376, 219.923



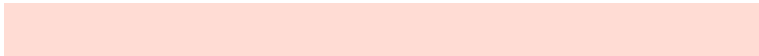
70, 53.376, 269.923

Sweetspot

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



70, 53.374, 39.927



90, 13.772, 38.712



68, 75.699, 333.684



47, 9.290, 38.711



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, 53.374, 39.927



66, 66.249, 40.863



86, 53.933, 84.885



50, 4.464, 38.737



42, 80.135, 43.314



12, 30.043, 36.929

Inverse Universe

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



84, 34.265, 223.262



82, 38.243, 225.261



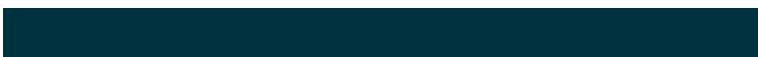
65, 54.685, 283.354



52, 4.204, 219.330



59, 35.325, 234.737



19, 16.143, 229.578

Previews

White Background



This preview shows how the CIELCh color 70, 53.376, 39.923 looks on a white background.

Color Contrast Check

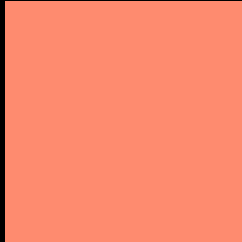
Large Text (above 18pt) WCAG AA × Fail

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, 53.376, 39.923 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, 53.376, 39.923

Background



This preview shows how black text looks on a background with the CIELCh color 70, 53.376, 39.923.



This preview shows how white text looks on a background with the CIELCh color 70, 53.376, 39.923.

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](#).

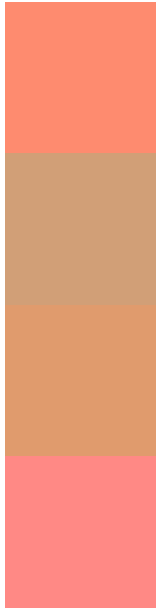
Dichromacy





Tritanopia
70, 48.893, 18.526

Trichromacy



Original Color
70, 53.458, 39.939

Protanomaly
69, 31.108, 64.328

Deuteranomaly
70, 40.145, 58.912

Tritanomaly
70, 49.568, 26.895

Monochromacy



Original Color
70, 53.458, 39.939

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.946, 38.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 53.376, 39.923 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(254, 139, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 139, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 53.376, 39.923 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, 111) }
```

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

```
.border{ border-color:rgb(254, 139, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 139, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 139, 111);  
box-shadow:4px 4px 4px 4px rgb(254, 139,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 53.376, 39.923 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, 111) }
```

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

```
.background{ background-color: rgb(254,  
139, 111) }
```

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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