

Converting Colors

CIELCh(69, 53.615, 40.706)

Have a look what the booklet for
CIELCh(69, 53.615, 40.706) contains.

CIELCh(69, 53.773, 41.020)	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(69, 53.773, 41.020)

Conversions

Conversions Part 1

Format	Color
Hex	FB896B
RGB	251, 137, 107
RGB Percent	98%, 54%, 42%
CMY	0.0167, 0.4636, 0.5812
CMYK	0.00, 0.45, 0.57, 0.02
HSL	13°, 94%, 70%
HSV	13°, 57%, 98%
XYZ	51.2450, 39.3444, 18.7447
YIQ	167.6660, 77.5740, 14.8380

Conversions

Conversions Part 2

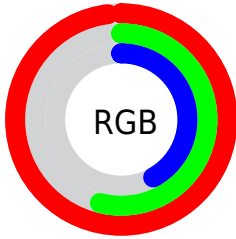
Format	Color
R _Y B	251, 145, 107
Decimal	16484715
CIE Lab	69.00, 40.57, 35.29
CIE LCh	69, 53.773, 41.020
Yxy	39.3444, 0.4687, 0.3599
Android (android.graphics.Color)	4294674795 (0xFFFB896B)
YUV	167.6660, -29.9083, 73.0839
Hunter-Lab	62.7251, 36.0616, 26.1894

Details

The CIELCh color **69, 53.773, 41.020** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 34.289, 225.427**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 31.400, 54.072**, and **49, 53.728, 41.125** is the 20% darker color. If you saturate the color by 10%, you get **65, 65.365, 41.782**, and if you desaturate by 10%, it is **74, 42.706, 40.488**.

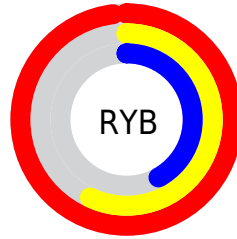
Distribution



Red (98%)

Green (54%)

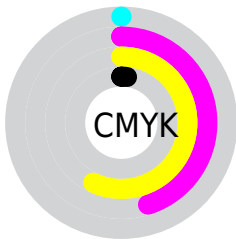
Blue (42%)



Red (98%)

Yellow (57%)

Blue (42%)

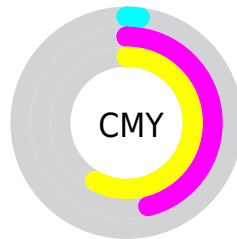


Cyan (0%)

Magenta (45%)

Yellow (57%)

Black (2%)



Cyan (2%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.773, 41.020 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 69, 53.773, 41.020 by changing the saturation by 10% instead.

69, 53.773, 41.020

69, 53.773, 41.020

100, 53.773,
41.020

59, 53.773, 41.020

89, 53.773, 41.020

49, 53.773, 41.020

99, 53.773, 41.020

39, 53.773, 41.020

29, 53.773, 41.020

19, 53.773, 41.020

9, 53.773, 41.020

0, 53.773, 41.020

69, 53.773, 41.020

69, 53.773, 41.020

65, 65.365, 41.782

74, 42.706, 40.488

61, 77.093, 42.679

79, 32.337, 40.174

58, 88.047, 43.414

84, 22.717, 40.049

56, 96.432, 43.333

89, 13.835, 40.070

55, 98.245, 43.302

94, 5.649, 40.163

100, 1.481,
199.759

Harmonies

Complementary

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



69, 53.773, 41.020



83, 34.289, 225.427

Rectangle

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



69, 53.773, 41.020



69, 53.773, 91.020



69, 53.773, 221.020



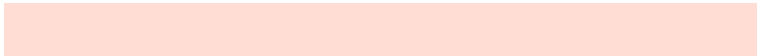
69, 53.773, 271.020

Sweetspot

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



69, 53.771, 41.024



91, 13.673, 40.073



67, 75.359, 334.452



47, 9.223, 40.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 53.771, 41.024



65, 68.174, 41.925



85, 55.071, 86.061



49, 4.359, 40.147



42, 78.892, 43.728



11, 28.610, 37.030

Inverse Universe

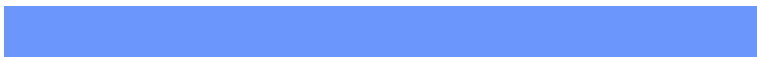
The Inverse Universe completely reimagines the original color for something new.



83, 34.289, 225.427



81, 38.800, 227.852



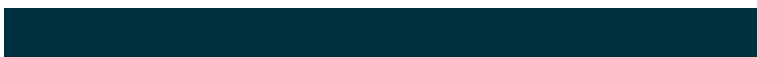
63, 56.654, 284.830



51, 4.109, 220.855



57, 35.203, 237.451



18, 15.747, 231.713

Previews

White Background



This preview shows how the CIELCh color 69, 53.773, 41.020 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 69, 53.773, 41.020 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 69, 53.773, 41.020

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.773, 41.020.

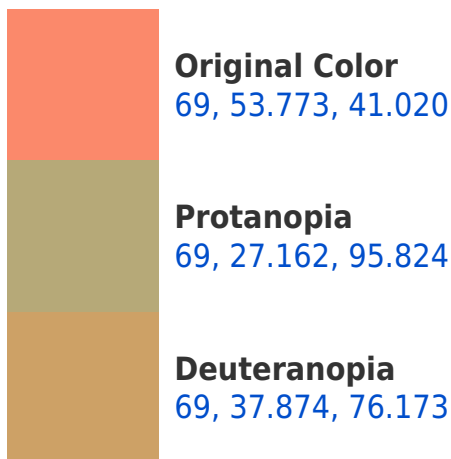


This preview shows how white text looks on a background with the CIELCh color 69, 53.773, 41.020.

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
69, 49.459, 18.737

Trichromacy



Original Color
69, 53.773, 41.020

Protanomaly
68, 32.048, 65.430

Deuteranomaly
69, 41.474, 59.434

Tritanomaly
69, 49.927, 27.581

Monochromacy



Original Color
69, 53.773, 41.020

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 17.849, 40.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.773, 41.020 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(251, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(251, 137, 107)  
}
```

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(251, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 137, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.773, 41.020 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(251, 137, 107) }
```

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

```
.border{ border-color:rgb(251, 137, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 137, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(251, 137,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.773, 41.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 137, 107) }
```

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

```
.background{ background-color: rgb(251,  
137, 107) }
```

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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