

Converting Colors

CIELCh(76, 43.012, 53.104)

Have a look what the booklet for
CIELCh(76, 43.012, 53.104) contains.

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Color

CIELCh(76, 42.931, 53.366)

Conversions

Conversions Part 1

Format	Color
Hex	FAA87D
RGB	250, 168, 125
RGB Percent	98%, 66%, 49%
CMY	0.0190, 0.3406, 0.5093
CMYK	0.00, 0.33, 0.50, 0.02
HSL	21°, 93%, 74%
HSV	21°, 50%, 98%
XYZ	57.2119, 49.8872, 26.0568
YIQ	187.6160, 62.6750, 4.0110

Conversions

Conversions Part 2

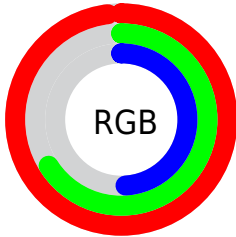
Format	Color
RYP	250, 191, 125
Decimal	16427133
CIELab	76.00, 25.62, 34.45
CIElCh	76, 42.931, 53.366
Yxy	49.8872, 0.4297, 0.3747
Android (android.graphics.Color)	4294617213 (0xFFFAA87D)
YUV	187.6160, -30.8697, 54.7108
Hunter-Lab	70.6309, 20.9832, 27.5686

Details

The CIELCh color **76, 42.931, 53.366** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 31.875, 244.720**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 26.794, 81.184**, and **56, 42.936, 53.238** is the 20% darker color. If you saturate the color by 10%, you get **72, 53.332, 52.864**, and if you desaturate by 10%, it is **80, 33.108, 53.957**.

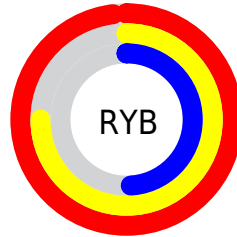
Distribution



Red (98%)

Green (66%)

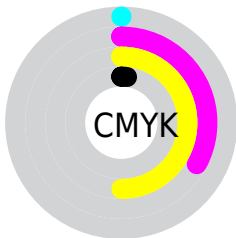
Blue (49%)



Red (98%)

Yellow (75%)

Blue (49%)

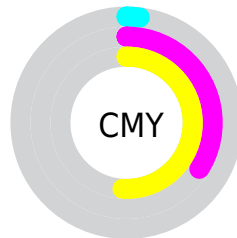


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.931, 53.366 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 76, 42.931, 53.366 by changing the saturation by 10% instead.

 76, 42.931, 53.366

 76, 42.931, 53.366

 100, 42.931,
53.366

 66, 42.931, 53.366

 96, 42.931, 53.366

 56, 42.931, 53.366

 46, 42.931, 53.366

 36, 42.931, 53.366

 26, 42.931, 53.366

 16, 42.931, 53.366

 6, 42.931, 53.366

 0, 42.931, 53.366

 76, 42.931, 53.366

 76, 42.931, 53.366

72, 53.332, 52.864

80, 33.108, 53.957

68, 64.121, 52.395

85, 23.924, 54.624

65, 74.816, 51.824

89, 15.370, 55.357

62, 84.388, 50.821

94, 7.406, 56.117

59, 91.575, 49.044

98, 0.023, 262.651

59, 91.589, 49.041

100, 1.686,
199.691

Harmonies

Complementary

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



76, 42.931, 53.366



80, 31.875, 244.720

Rectangle

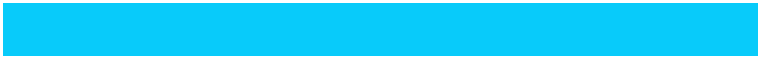
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 42.931, 53.366



76, 42.931, 103.366



76, 42.931, 233.366



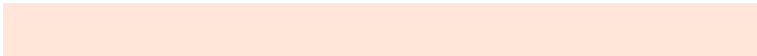
76, 42.931, 283.366

Sweetspot

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



76, 42.930, 53.371



93, 11.513, 55.736



69, 61.254, 339.834



49, 7.914, 55.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 42.930, 53.371



73, 54.203, 52.861



91, 53.265, 96.525



50, 4.208, 56.153



45, 73.645, 49.663



13, 26.793, 46.885

Inverse Universe

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



80, 31.875, 244.720



78, 37.476, 247.548



63, 58.154, 290.617



50, 4.019, 238.001



50, 42.172, 263.951



15, 17.699, 256.329

Previews

White Background



This preview shows how the CIELCh color 76, 42.931, 53.366 looks on a white background.

Color Contrast Check

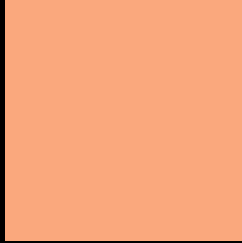
Large Text (above 18pt) WCAG AA × Fail

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 76, 42.931, 53.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

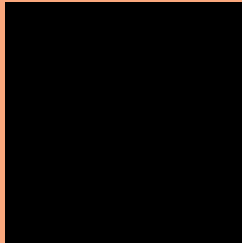
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 42.931, 53.366

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.931, 53.366.

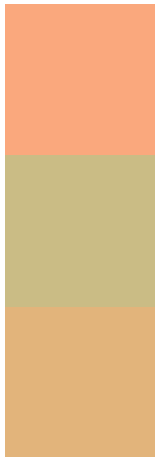


This preview shows how white text looks on a background with the CIELCh color 76, 42.931, 53.366.

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



Original Color

76, 42.931, 53.366

Protanopia

76, 29.835, 96.220

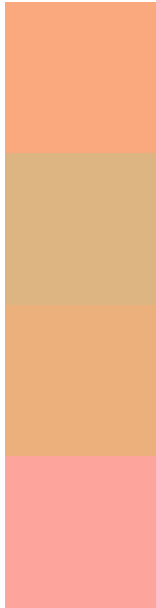
Deuteranopia

76, 36.594, 74.948



Tritanopia
76, 36.464, 12.909

Trichromacy



Original Color
76, 42.931, 53.366

Protanomaly
76, 32.102, 76.871

Deuteranomaly
76, 38.160, 66.290

Tritanomaly
76, 36.636, 29.160

Monochromacy



Original Color
76, 42.931, 53.366

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.692, 55.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.931, 53.366 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(250, 168, 125)` looks like.

```
.text, #text, p{  
    color:rgb(250, 168, 125)  
}
```

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(250, 168, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 168, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.931, 53.366 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(250, 168, 125) }
```

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

```
.border{ border-color:rgb(250, 168, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 168, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 168, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 168, 125);  
box-shadow:4px 4px 4px 4px rgb(250, 168,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.931, 53.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 168, 125) }
```

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

```
.background{ background-color: rgb(250,  
168, 125) }
```

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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