

Converting Colors

CIELCh(76, 40.407, 42.359)

Have a look what the booklet for
CIELCh(76, 40.407, 42.359) contains.

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Color

CIELCh(76, 40.462, 42.033)

Conversions

Conversions Part 1

Format	Color
Hex	FEA58B
RGB	254, 165, 139
RGB Percent	100%, 65%, 55%
CMY	0.0036, 0.3526, 0.4546
CMYK	0.00, 0.35, 0.45, 0.00
HSL	14°, 98%, 77%
HSV	14°, 45%, 100%
XYZ	59.0346, 49.8872, 30.9695
YIQ	188.6470, 61.3900, 10.7820

Conversions

Conversions Part 2

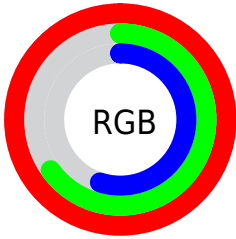
Format	Color
R _Y B	254, 173, 139
Decimal	16688523
CIE Lab	76.00, 30.05, 27.09
CIE LCh	76, 40.462, 42.033
Yxy	49.8872, 0.4220, 0.3566
Android (android.graphics.Color)	4294878603 (0xFFFEA58B)
YUV	188.6470, -24.4760, 57.3146
Hunter-Lab	70.6309, 25.5896, 23.4447

Details

The CIELCh color **76, 40.462, 42.033** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 29.033, 226.186**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.623, 67.164**, and **56, 40.279, 41.685** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.399, 42.381**, and if you desaturate by 10%, it is **81, 30.243, 41.891**.

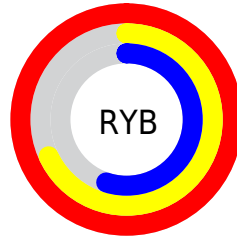
Distribution



Red (100%)

Green (65%)

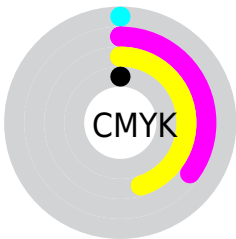
Blue (55%)



Red (100%)

Yellow (68%)

Blue (55%)

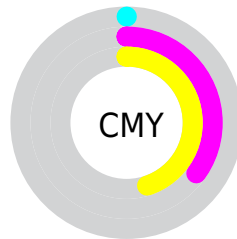


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.462, 42.033 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, 40.462, 42.033 by changing the saturation by 10% instead.

 76, 40.462, 42.033

 76, 40.462, 42.033

 100, 40.462,
42.033

 66, 40.462, 42.033

 96, 40.462, 42.033

 56, 40.462, 42.033

 46, 40.462, 42.033

 36, 40.462, 42.033

 26, 40.462, 42.033

 16, 40.462, 42.033

 6, 40.462, 42.033

 0, 40.462, 42.033

 76, 40.462, 42.033

 76, 40.462, 42.033

71, 51.399, 42.381

81, 30.243, 41.891

67, 62.929, 42.928

86, 20.778, 41.911

63, 74.720, 43.614

91, 12.043, 42.055

60, 86.005, 44.202

97, 3.987, 42.217

57, 95.159, 44.108

100, 0.320,
201.456

56, 98.501, 43.849

Harmonies

Complementary

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



76, 40.462, 42.033



86, 29.033, 226.186

Rectangle

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



76, 40.462, 42.033



76, 40.462, 92.033



76, 40.462, 222.033



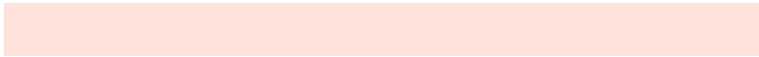
76, 40.462, 272.033

Sweetspot

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



76, 40.460, 42.038



92, 11.019, 42.078



73, 61.220, 334.216



48, 7.676, 42.038



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, 40.460, 42.038



72, 50.127, 42.327



89, 44.467, 89.071



50, 4.393, 42.165



43, 79.084, 44.299



12, 29.596, 38.731

Inverse Universe

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



86, 29.033, 226.186



84, 33.239, 227.603



71, 45.498, 282.750



52, 4.145, 223.037



57, 36.022, 241.335



18, 16.276, 235.443

Previews

White Background



This preview shows how the CIELCh color 76, 40.462, 42.033 looks on a white background.

Color Contrast Check

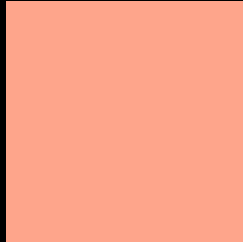
Large Text (above 18pt) WCAG AA × Fail

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, 40.462, 42.033 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, 40.462, 42.033

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.462, 42.033.

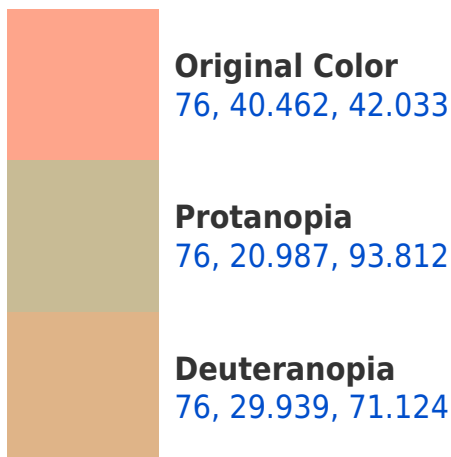


This preview shows how white text looks on a background with the CIELCh color 76, 40.462, 42.033.

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
76, 37.285, 13.230

Trichromacy



Original Color
76, 40.462, 42.033

Protanomaly
76, 25.090, 66.258

Deuteranomaly
76, 32.545, 58.912

Tritanomaly
76, 37.483, 23.623

Monochromacy



Original Color
76, 40.462, 42.033

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.805, 40.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.462, 42.033 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, 165, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 139)  
}
```

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, 165, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.462, 42.033 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, 165, 139) }
```

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

```
.border{ border-color:rgb(254, 165, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.462, 42.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 139) }
```

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

```
.background{ background-color: rgb(254,  
165, 139) }
```

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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