

Converting Colors

CIELCh(77, 41.758, 35.158)

Have a look what the booklet for
CIELCh(77, 41.758, 35.158) contains.

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Color

CIELCh(76, 38.667, 35.829)

Conversions

Conversions Part 1

Format	Color
Hex	FEA493
RGB	254, 164, 147
RGB Percent	100%, 64%, 58%
CMY	0.0031, 0.3557, 0.4223
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 99%, 79%
HSV	10°, 42%, 100%
XYZ	59.5745, 49.8872, 34.2259
YIQ	188.9720, 59.0970, 13.7930

Conversions

Conversions Part 2

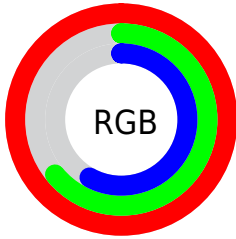
Format	Color
RYB	254, 167, 147
Decimal	16688275
CIELab	76.00, 31.35, 22.63
CIElCh	76, 38.667, 35.829
Yxy	49.8872, 0.4146, 0.3472
Android (android.graphics.Color)	4294878355 (0xFFFEA493)
YUV	188.9720, -20.6922, 57.0296
Hunter-Lab	70.6309, 26.9539, 20.7112

Details

The CIELCh color **76, 38.667, 35.829** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 28.135, 216.284**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.617, 56.167**, and **56, 39.041, 35.852** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.794, 36.633**, and if you desaturate by 10%, it is **81, 28.269, 35.294**.

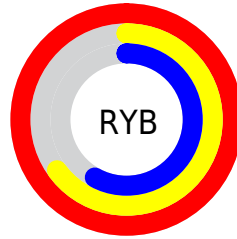
Distribution



Red (100%)

Green (64%)

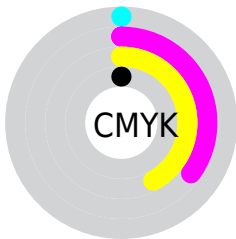
Blue (58%)



Red (100%)

Yellow (65%)

Blue (58%)

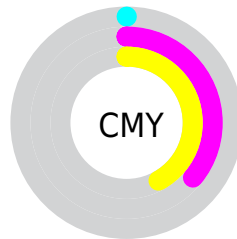


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.667, 35.829 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, 38.667, 35.829 by changing the saturation by 10% instead.

76, 38.667, 35.829

76, 38.667, 35.829

100, 38.667,
35.829

66, 38.667, 35.829

96, 38.667, 35.829

56, 38.667, 35.829

46, 38.667, 35.829

36, 38.667, 35.829

26, 38.667, 35.829

16, 38.667, 35.829

6, 38.667, 35.829

0, 38.667, 35.829

76, 38.667, 35.829

76, 38.667, 35.829

71, 49.794, 36.633

81, 28.269, 35.294

66, 61.530, 37.730

87, 18.642, 34.962

62, 73.589, 39.110

93, 9.765, 34.776

59, 85.359, 40.610

99, 1.592, 34.402

56, 95.469, 41.720

100, 0.271,
201.837

55, 101.159,
41.984

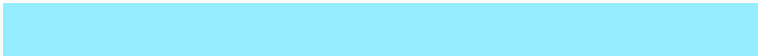
Harmonies

Complementary

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



76, 38.667, 35.829



89, 28.135, 216.284

Rectangle

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



76, 38.667, 35.829



76, 38.667, 85.829



76, 38.667, 215.829



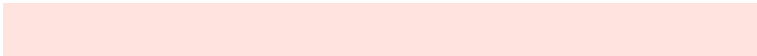
76, 38.667, 265.829

Sweetspot

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



76, 38.665, 35.834



92, 10.605, 34.790



75, 59.825, 331.464



48, 7.490, 34.824



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, 38.665, 35.834



72, 47.578, 36.447



88, 39.226, 84.162



50, 4.571, 34.740



41, 81.269, 42.319



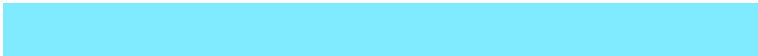
11, 30.580, 34.977

Inverse Universe

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



89, 28.135, 216.284



88, 32.171, 216.977



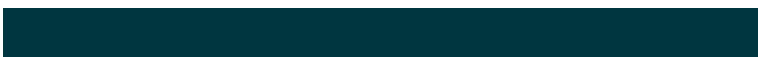
75, 38.585, 277.133



52, 4.298, 214.999



61, 35.071, 226.664



20, 16.188, 222.534

Previews

White Background



This preview shows how the CIELCh color 76, 38.667, 35.829 looks on a white background.

Color Contrast Check

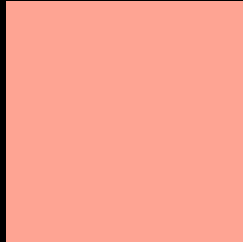
Large Text (above 18pt) WCAG AA × Fail

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, 38.667, 35.829 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, 38.667, 35.829

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.667, 35.829.

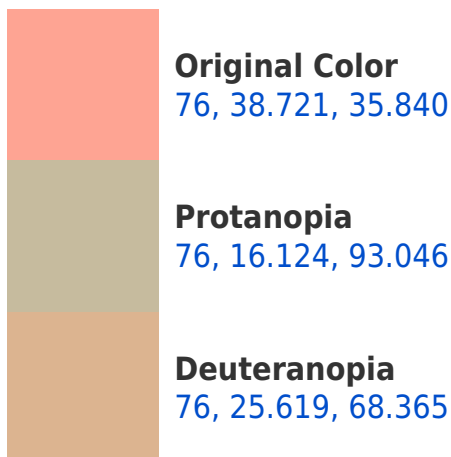


This preview shows how white text looks on a background with the CIELCh color 76, 38.667, 35.829.

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](#).

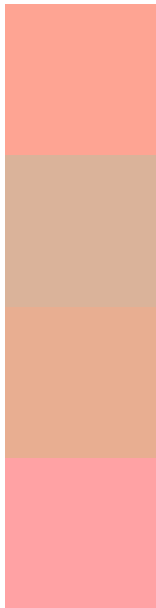
Dichromacy





Tritanopia
76, 37.285, 13.230

Trichromacy



Original Color
76, 38.721, 35.840

Protanomaly
76, 20.887, 59.889

Deuteranomaly
76, 28.982, 52.979

Tritanomaly
76, 37.215, 21.225

Monochromacy



Original Color
76, 38.721, 35.840

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.237, 34.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.667, 35.829 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, 164, 147)` looks like.

```
.text, #text, p{  
    color:rgb(254, 164, 147)  
}
```

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, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 164, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.667, 35.829 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, 164, 147) }
```

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

```
.border{ border-color:rgb(254, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(254, 164,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.667, 35.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 164, 147) }
```

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

```
.background{ background-color: rgb(254,  
164, 147) }
```

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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