

Converting Colors

CIELCh(79, 50.498, 35.968)

Have a look what the booklet for
CIELCh(79, 50.498, 35.968) contains.

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Color

CIELCh(76, 40.046, 38.467)

Conversions

Conversions Part 1

Format	Color
Hex	FFA48F
RGB	255, 164, 143
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3562, 0.4386
CMYK	0.00, 0.36, 0.44, 0.00
HSL	11°, 100%, 78%
HSV	11°, 44%, 100%
XYZ	59.5765, 49.8872, 32.5355
YIQ	188.8150, 60.9770, 12.7610

Conversions

Conversions Part 2

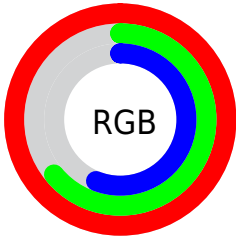
Format	Color
R_{YB}	255, 169, 143
Decimal	16753807
CIE _{Lab}	76.00, 31.35, 24.91
CIE _{LCh}	76, 40.046, 38.467
Yxy	49.8872, 0.4196, 0.3513
Android (android.graphics.Color)	4294943887 (0xFFFFA48F)
YUV	188.8150, -22.5868, 58.0442
Hunter-Lab	70.6309, 26.9589, 22.1302

Details

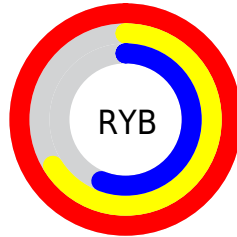
The CIELCh color **76, 40.046, 38.467** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 28.739, 220.470**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 18.007, 61.161**, and **56, 39.810, 38.004** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.079, 39.115**, and if you desaturate by 10%, it is **81, 29.600, 38.111**.

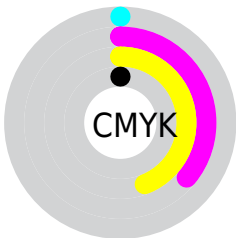
Distribution



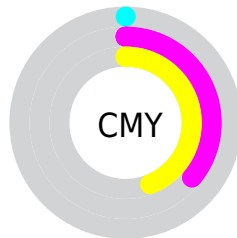
- Red (100%)
- Green (64%)
- Blue (56%)



- Red (100%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.046, 38.467 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, 40.046, 38.467 by changing the saturation by 10% instead.

 76, 40.046, 38.467

 76, 40.046, 38.467

 100, 40.046,
38.467

 66, 40.046, 38.467

 96, 40.046, 38.467

 56, 40.046, 38.467

 46, 40.046, 38.467

 36, 40.046, 38.467

 26, 40.046, 38.467

 16, 40.046, 38.467

 6, 40.046, 38.467

 0, 40.046, 38.467

 76, 40.046, 38.467

 76, 40.046, 38.467

71, 51.079, 39.115

81, 29.600, 38.111

67, 62.786, 39.993

87, 19.994, 37.919

63, 74.786, 41.088

92, 11.136, 37.867

59, 86.379, 42.195

98, 2.976, 37.799

57, 96.024, 42.748

100, 0.012,
296.813

55, 100.356,
42.695

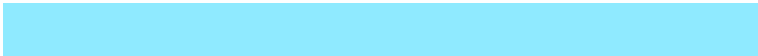
Harmonies

Complementary

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



76, 40.046, 38.467



88, 28.739, 220.470

Rectangle

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



76, 40.046, 38.467



76, 40.046, 88.467



76, 40.046, 218.467



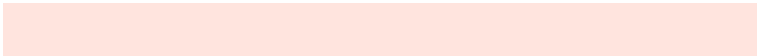
76, 40.046, 268.467

Sweetspot

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



76, 39.974, 38.496



93, 10.405, 37.867



74, 60.993, 332.813



48, 7.349, 37.868



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, 39.974, 38.496



72, 50.095, 39.052



89, 42.096, 86.656



50, 4.485, 37.867



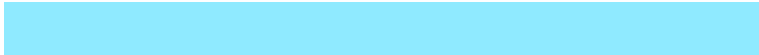
42, 80.391, 43.084



12, 30.159, 36.490

Inverse Universe

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



88, 28.739, 220.470



86, 33.092, 221.582



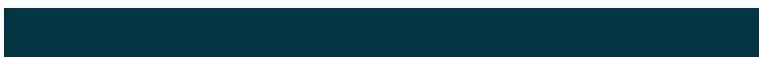
73, 42.236, 280.094



52, 4.222, 218.388



59, 35.217, 233.010



19, 16.134, 228.060

Previews

White Background



This preview shows how the CIELCh color 76, 40.046, 38.467 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, 40.046, 38.467 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, 40.046, 38.467

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.046, 38.467.

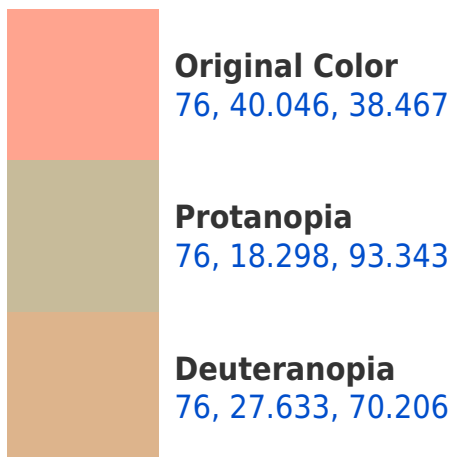


This preview shows how white text looks on a background with the CIELCh color 76, 40.046, 38.467.

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, 40.046, 38.467

Protanomaly
76, 22.749, 62.960

Deuteranomaly
76, 30.736, 55.556

Tritanomaly
76, 37.385, 22.828

Monochromacy



Original Color
76, 40.046, 38.467

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.597, 38.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.046, 38.467 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(255, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 143)  
}
```

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(255, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.046, 38.467 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(255, 164, 143) }
```

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

```
.border{ border-color:rgb(255, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.046, 38.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 143) }
```

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

```
.background{ background-color: rgb(255,  
164, 143) }
```

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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