

Converting Colors

CIELCh(76, 42.470, 36.339)

Have a look what the booklet for
CIELCh(76, 42.470, 36.339) contains.

CIELCh(76, 40.506, 36.893)	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(76, 40.506, 36.893)

Conversions

Conversions Part 1

Format	Color
Hex	FFA390
RGB	255, 163, 144
RGB Percent	100%, 64%, 56%
CMY	0.0000, 0.3594, 0.4341
CMYK	0.00, 0.36, 0.43, 0.00
HSL	10°, 100%, 78%
HSV	10°, 43%, 100%
XYZ	60.0120, 49.8872, 32.9714
YIQ	188.3420, 60.9310, 13.5950

Conversions

Conversions Part 2

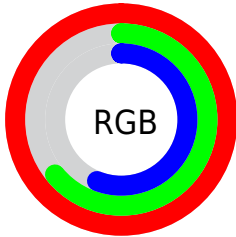
Format	Color
R _Y B	255, 167, 144
Decimal	16753552
CIE Lab	76.00, 32.39, 24.32
CIE LCh	76, 40.506, 36.893
Yxy	49.8872, 0.4200, 0.3492
Android (android.graphics.Color)	4294943632 (0xFFFFA390)
YUV	188.3420, -21.8606, 58.4591
Hunter-Lab	70.6309, 28.0597, 21.7643

Details

The CIELCh color **76, 40.506, 36.893** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 28.716, 218.218**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.620, 57.978**, and **56, 40.059, 37.206** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.058, 37.812**, and if you desaturate by 10%, it is **81, 29.449, 36.596**.

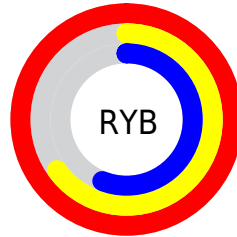
Distribution



Red (100%)

Green (64%)

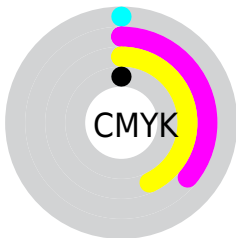
Blue (56%)



Red (100%)

Yellow (65%)

Blue (56%)

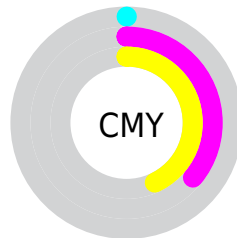


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.506, 36.893 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, 40.506, 36.893 by changing the saturation by 10% instead.

76, 40.506, 36.893

76, 40.506, 36.893

100, 40.506,
36.893

66, 40.506, 36.893

96, 40.506, 36.893

56, 40.506, 36.893

46, 40.506, 36.893

36, 40.506, 36.893

26, 40.506, 36.893

16, 40.506, 36.893

6, 40.506, 36.893

0, 40.506, 36.893

76, 40.506, 36.893

76, 40.506, 36.893

71, 51.058, 37.812

81, 29.449, 36.596

66, 62.824, 38.826

87, 19.779, 36.317

62, 74.880, 40.088

92, 10.862, 36.186

59, 86.544, 41.404

98, 2.650, 36.020

56, 96.308, 42.213

100, 0.012,
296.813

55, 100.939,
42.292

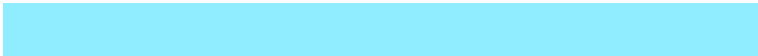
Harmonies

Complementary

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



76, 40.506, 36.893



89, 28.716, 218.218

Rectangle

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



76, 40.506, 36.893



76, 40.506, 86.893



76, 40.506, 216.893



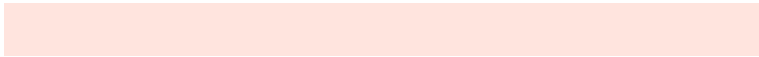
76, 40.506, 266.893

Sweetspot

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



76, 39.888, 37.078



92, 10.510, 36.183



74, 61.095, 332.159



48, 7.423, 36.202



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, 39.888, 37.078



72, 49.440, 37.692



89, 41.137, 85.362



50, 4.530, 36.155



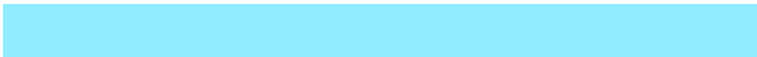
42, 80.880, 42.653



11, 30.389, 35.649

Inverse Universe

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



89, 28.716, 218.218



87, 32.863, 219.115



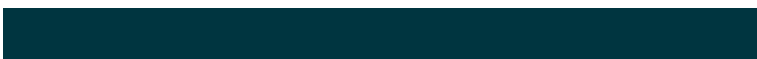
74, 40.870, 278.751



52, 4.262, 216.534



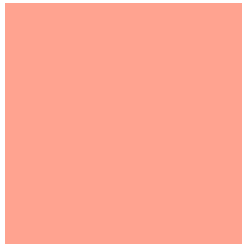
60, 35.089, 229.561



20, 16.146, 225.048

Previews

White Background



This preview shows how the CIELCh color 76, 40.506, 36.893 looks on a white background.

Color Contrast Check

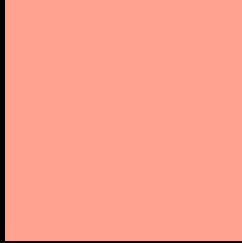
Large Text (above 18pt) WCAG AA × Fail

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, 40.506, 36.893 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, 40.506, 36.893

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.506, 36.893.



This preview shows how white text looks on a background with the CIELCh color 76, 40.506, 36.893.

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, 40.040, 37.002

Protanopia

76, 17.677, 94.221

Deuteranopia

76, 27.195, 69.607



Tritanopia
76, 37.286, 14.043

Trichromacy



Original Color
76, 40.040, 37.002

Protanomaly
76, 22.313, 60.445

Deuteranomaly
76, 30.380, 54.835

Tritanomaly
76, 37.385, 22.828

Monochromacy



Original Color
76, 40.040, 37.002

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.407, 36.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.506, 36.893 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, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 144)  
}
```

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, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.506, 36.893 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, 163, 144) }
```

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

```
.border{ border-color:rgb(255, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.506, 36.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 144) }
```

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

```
.background{ background-color: rgb(255,  
163, 144) }
```

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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