

Converting Colors

CIELCh(76, 41.704, 41.290)

Have a look what the booklet for
CIELCh(76, 41.704, 41.290) contains.

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Color

CIELCh(76, 41.325, 41.692)

Conversions

Conversions Part 1

Format	Color
Hex	FFA48A
RGB	255, 164, 138
RGB Percent	100%, 64%, 54%
CMY	0.0000, 0.3553, 0.4573
CMYK	0.00, 0.36, 0.46, 0.00
HSL	13°, 100%, 77%
HSV	13°, 46%, 100%
XYZ	59.3695, 49.8872, 30.6916
YIQ	188.2450, 62.5820, 11.2060

Conversions

Conversions Part 2

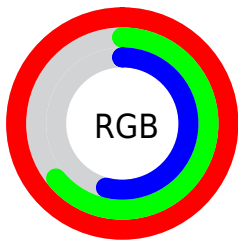
Format	Color
R _Y B	255, 171, 138
Decimal	16753802
CIE Lab	76.00, 30.86, 27.49
CIE LCh	76, 41.325, 41.692
Yxy	49.8872, 0.4242, 0.3565
Android (android.graphics.Color)	4294943882 (0xFFFFA48A)
YUV	188.2450, -24.7708, 58.5441
Hunter-Lab	70.6309, 26.4359, 23.6781

Details

The CIELCh color **76, 41.325, 41.692** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 29.369, 225.813**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.913, 66.330**, and **56, 41.220, 41.373** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.162, 42.151**, and if you desaturate by 10%, it is **81, 30.841, 41.597**.

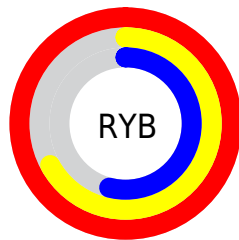
Distribution



Red (100%)

Green (64%)

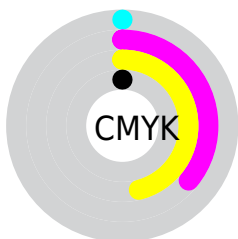
Blue (54%)



Red (100%)

Yellow (67%)

Blue (54%)

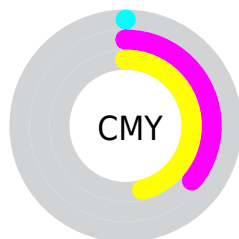


Cyan (0%)

Magenta (36%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 41.325, 41.692 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, 41.325, 41.692 by changing the saturation by 10% instead.

 76, 41.325, 41.692

 76, 41.325, 41.692

 100, 41.325,
41.692

 66, 41.325, 41.692

 96, 41.325, 41.692

 56, 41.325, 41.692

 46, 41.325, 41.692

 36, 41.325, 41.692

 26, 41.325, 41.692

 16, 41.325, 41.692

 6, 41.325, 41.692

 0, 41.325, 41.692

 76, 41.325, 41.692

 76, 41.325, 41.692

71, 52.162, 42.151

81, 30.841, 41.597

67, 63.765, 42.735

86, 21.297, 41.591

63, 75.605, 43.457

91, 12.488, 41.714

60, 86.879, 44.066

97, 4.366, 41.869

57, 95.904, 43.957

100, 0.012,
296.813

56, 98.909, 43.746

Harmonies

Complementary

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



76, 41.325, 41.692



86, 29.369, 225.813

Rectangle

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



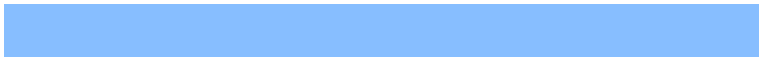
76, 41.325, 41.692



76, 41.325, 91.692



76, 41.325, 221.692



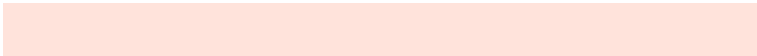
76, 41.325, 271.692

Sweetspot

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



76, 41.141, 41.773



92, 11.036, 41.743



73, 61.979, 334.251



48, 7.687, 41.706



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, 41.141, 41.773



72, 51.335, 42.116



90, 45.059, 89.006



50, 4.399, 41.823



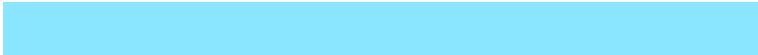
42, 79.192, 44.195



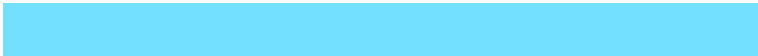
12, 29.640, 38.546

Inverse Universe

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



86, 29.369, 225.813



84, 33.680, 227.320



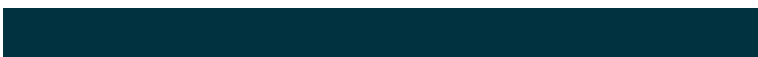
71, 46.128, 282.865



52, 4.150, 222.668



57, 35.934, 240.694



18, 16.256, 234.867

Previews

White Background



This preview shows how the CIELCh color 76, 41.325, 41.692 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, 41.325, 41.692 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, 41.325, 41.692

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.325, 41.692.



This preview shows how white text looks on a background with the CIELCh color 76, 41.325, 41.692.

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, 41.325, 41.692

Protanopia

76, 20.987, 93.812

Deuteranopia

76, 30.384, 71.635



Tritanopia
76, 37.286, 14.043

Trichromacy



Original Color
76, 41.325, 41.692

Protanomaly
76, 25.090, 66.258

Deuteranomaly
76, 33.270, 58.017

Tritanomaly
76, 37.588, 24.414

Monochromacy



Original Color
76, 41.325, 41.692

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, 41.325, 41.692 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.325, 41.692 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, 138) }
```

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

```
.border{ border-color:rgb(255, 164, 138) }
```

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, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.325, 41.692 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, 138) }
```

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

```
.background{ background-color: rgb(255,  
164, 138) }
```

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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