

Converting Colors

CIELCh(76, 41.673, 50.611)

Have a look what the booklet for
CIELCh(76, 41.673, 50.611) contains.

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Color

CIELCh(76, 41.919, 51.015)

Conversions

Conversions Part 1

Format	Color
Hex	FBA881
RGB	251, 168, 129
RGB Percent	98%, 66%, 51%
CMY	0.0172, 0.3425, 0.4954
CMYK	0.00, 0.33, 0.49, 0.02
HSL	19°, 93%, 74%
HSV	19°, 49%, 98%
XYZ	57.5194, 49.8872, 27.2496
YIQ	188.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

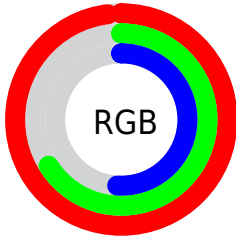
Format	Color
R _Y B	251, 186, 129
Decimal	16492673
CIE Lab	76.00, 26.37, 32.58
CIE LCh	76, 41.919, 51.015
Yxy	49.8872, 0.4272, 0.3705
Android (android.graphics.Color)	4294682753 (0xFFFB881)
YUV	188.3710, -29.2699, 54.9256
Hunter-Lab	70.6309, 21.7603, 26.5674

Details

The CIELCh color **76, 41.919, 51.015** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 30.814, 240.814**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.944, 79.340**, and **56, 41.850, 50.865** is the 20% darker color. If you saturate the color by 10%, you get **72, 52.403, 50.680**, and if you desaturate by 10%, it is **80, 32.058, 51.464**.

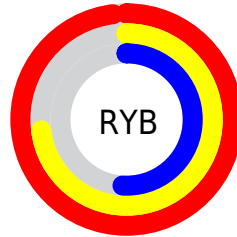
Distribution



Red (98%)

Green (66%)

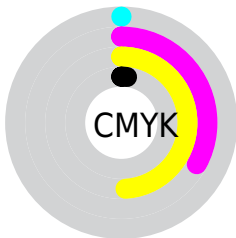
Blue (51%)



Red (98%)

Yellow (73%)

Blue (51%)

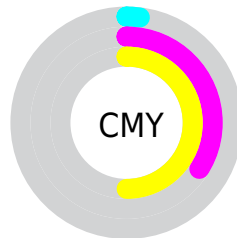


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 41.919, 51.015 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, 41.919, 51.015 by changing the saturation by 10% instead.

76, 41.919, 51.015

76, 41.919, 51.015

100, 41.919,
51.015

66, 41.919, 51.015

96, 41.919, 51.015

56, 41.919, 51.015

46, 41.919, 51.015

36, 41.919, 51.015

26, 41.919, 51.015

16, 41.919, 51.015

6, 41.919, 51.015

0, 41.919, 51.015

76, 41.919, 51.015

76, 41.919, 51.015

72, 52.403, 50.680

80, 32.058, 51.464

68, 63.347, 50.412

85, 22.868, 52.007

64, 74.324, 50.100

90, 14.333, 52.627

61, 84.383, 49.435

94, 6.407, 53.276

59, 92.032, 47.946

99, 0.965, 234.720

58, 92.967, 47.762

100, 1.526,
199.743

Harmonies

Complementary

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



76, 41.919, 51.015



81, 30.814, 240.814

Rectangle

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



76, 41.919, 51.015



76, 41.919, 101.015



76, 41.919, 231.015



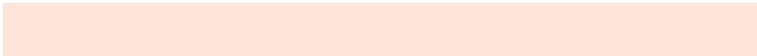
76, 41.919, 281.015

Sweetspot

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



76, 41.918, 51.020



93, 11.528, 52.865



70, 60.530, 338.892



48, 7.927, 52.727



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, 41.918, 51.020



73, 52.439, 50.698



91, 51.266, 95.632



50, 4.210, 53.224



44, 74.637, 48.358



13, 27.077, 44.877

Inverse Universe

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



81, 30.814, 240.814



79, 35.886, 243.223



65, 55.385, 289.457



50, 4.009, 234.894



51, 40.374, 259.790



15, 17.142, 252.267

Previews

White Background



This preview shows how the CIELCh color 76, 41.919, 51.015 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, 41.919, 51.015 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, 41.919, 51.015

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.919, 51.015.

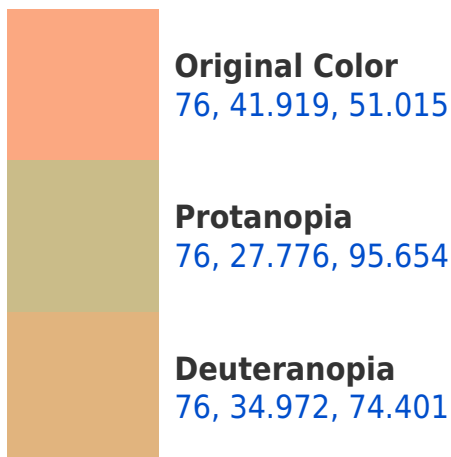


This preview shows how white text looks on a background with the CIELCh color 76, 41.919, 51.015.

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, 36.464, 12.909

Trichromacy



Original Color
76, 41.919, 51.015

Protanomaly
76, 30.244, 75.179

Deuteranomaly
76, 36.593, 65.392

Tritanomaly
76, 36.346, 27.566

Monochromacy



Original Color
76, 41.919, 51.015

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.359, 54.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.919, 51.015 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(251, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 168, 129)  
}
```

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(251, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 168, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.919, 51.015 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(251, 168, 129) }
```

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

```
.border{ border-color:rgb(251, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 168,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.919, 51.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 168, 129) }
```

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

```
.background{ background-color: rgb(251,  
168, 129) }
```

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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