

Converting Colors

CIELCh(79, 56.422, 43.761)

Have a look what the booklet for
CIELCh(79, 56.422, 43.761) contains.

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Color

CIELCh(76, 45.232, 49.025)

Conversions

Conversions Part 1

Format	Color
Hex	FFA57E
RGB	255, 165, 126
RGB Percent	100%, 65%, 49%
CMY	0.0000, 0.3529, 0.5061
CMYK	0.00, 0.35, 0.51, 0.00
HSL	18°, 100%, 75%
HSV	18°, 51%, 100%
XYZ	58.8714, 49.8872, 26.2465
YIQ	187.4640, 66.1590, 6.9510

Conversions

Conversions Part 2

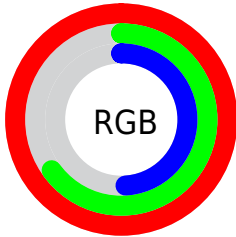
Format	Color
RYB	255, 182, 126
Decimal	16754046
CIELab	76.00, 29.66, 34.15
CIELCh	76, 45.232, 49.025
Yxy	49.8872, 0.4361, 0.3695
Android (android.graphics.Color)	4294944126 (0xFFFFA57E)
YUV	187.4640, -30.3018, 59.2291
Hunter-Lab	70.6309, 25.1771, 27.4094

Details

The CIELCh color **76, 45.232, 49.025** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 32.019, 238.704**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.639, 76.992**, and **56, 44.980, 49.096** is the 20% darker color. If you saturate the color by 10%, you get **72, 55.647, 49.098**, and if you desaturate by 10%, it is **80, 34.579, 49.593**.

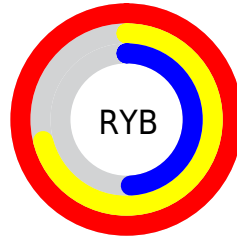
Distribution



Red (100%)

Green (65%)

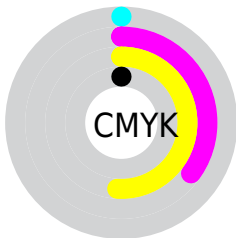
Blue (49%)



Red (100%)

Yellow (71%)

Blue (49%)

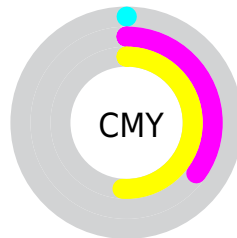


Cyan (0%)

Magenta (35%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 45.232, 49.025 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, 45.232, 49.025 by changing the saturation by 10% instead.

76, 45.232, 49.025

76, 45.232, 49.025

100, 45.232,
49.025

66, 45.232, 49.025

96, 45.232, 49.025

56, 45.232, 49.025

46, 45.232, 49.025

36, 45.232, 49.025

26, 45.232, 49.025

16, 45.232, 49.025

6, 45.232, 49.025

0, 45.232, 49.025

76, 45.232, 49.025

76, 45.232, 49.025

72, 55.647, 49.098

80, 34.579, 49.593

68, 66.923, 48.989

85, 25.058, 50.017

64, 78.113, 48.813

90, 16.224, 50.534

61, 88.093, 48.203

95, 8.037, 51.104

59, 95.111, 46.901

100, 0.440, 50.469

100, 0.012,
296.813

Harmonies

Complementary

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



76, 45.232, 49.025



82, 32.019, 238.704

Rectangle

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



76, 45.232, 49.025



76, 45.232, 99.025



76, 45.232, 229.025



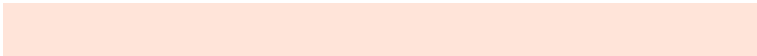
76, 45.232, 279.025

Sweetspot

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



76, 44.797, 49.286



93, 11.556, 50.852



70, 64.266, 338.298



48, 7.948, 50.731



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, 44.797, 49.286



71, 56.082, 49.093



91, 53.251, 94.296



51, 4.289, 51.166



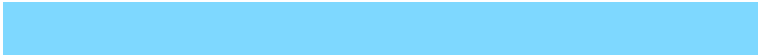
44, 76.114, 47.473



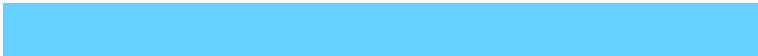
13, 28.522, 44.020

Inverse Universe

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



82, 32.019, 238.704



79, 36.869, 241.396



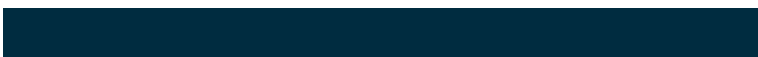
65, 57.387, 289.052



51, 4.075, 232.704



53, 39.652, 256.740



17, 17.300, 249.692

Previews

White Background



This preview shows how the CIELCh color 76, 45.232, 49.025 looks on a white background.

Color Contrast Check

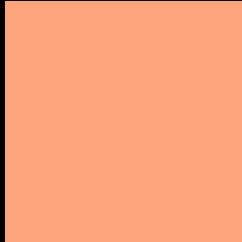
Large Text (above 18pt) WCAG AA × Fail

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, 45.232, 49.025 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, 45.232, 49.025

Background



This preview shows how black text looks on a background with the CIELCh color 76, 45.232, 49.025.



This preview shows how white text looks on a background with the CIELCh color 76, 45.232, 49.025.

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, 44.780, 49.257

Protanopia

76, 28.409, 94.970

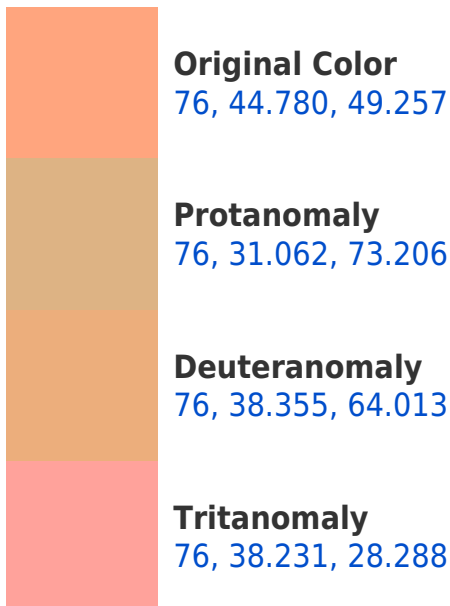
Deuteranopia

76, 36.178, 74.562

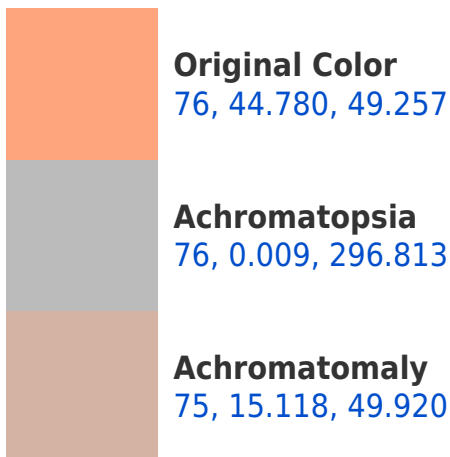


Tritanopia
76, 37.286, 14.043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 45.232, 49.025 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, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 126)  
}
```

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, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 45.232, 49.025 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, 165, 126) }
```

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

```
.border{ border-color:rgb(255, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 45.232, 49.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 126) }
```

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

```
.background{ background-color: rgb(255,  
165, 126) }
```

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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