

Converting Colors

CIELCh(82, 63.681, 44.264)

Have a look what the booklet for
CIELCh(82, 63.681, 44.264) contains.

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Color

CIELCh(76, 45.582, 52.223)

Conversions

Conversions Part 1

Format	Color
Hex	FEA67A
RGB	254, 166, 122
RGB Percent	100%, 65%, 48%
CMY	0.0032, 0.3479, 0.5204
CMYK	0.00, 0.35, 0.52, 0.00
HSL	20°, 99%, 74%
HSV	20°, 52%, 100%
XYZ	58.1546, 49.8872, 25.0763
YIQ	187.2960, 66.5720, 4.9720

Conversions

Conversions Part 2

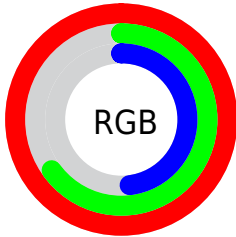
Format	Color
R _Y B	254, 188, 122
Decimal	16688762
CIE Lab	76.00, 27.92, 36.03
CIE LCh	76, 45.582, 52.223
Yxy	49.8872, 0.4369, 0.3748
Android (android.graphics.Color)	4294878842 (0xFFFEA67A)
YUV	187.2960, -32.1909, 58.4994
Hunter-Lab	70.6309, 23.3655, 28.3917

Details

The CIELCh color **76, 45.582, 52.223** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 33.072, 243.647**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.694, 80.107**, and **56, 45.892, 52.050** is the 20% darker color. If you saturate the color by 10%, you get **72, 56.281, 51.812**, and if you desaturate by 10%, it is **80, 35.459, 52.729**.

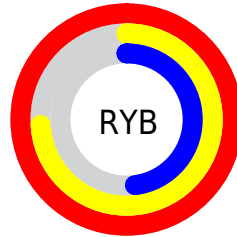
Distribution



Red (100%)

Green (65%)

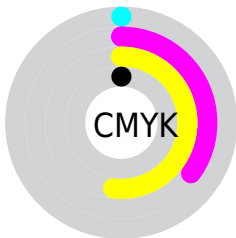
Blue (48%)



Red (100%)

Yellow (74%)

Blue (48%)

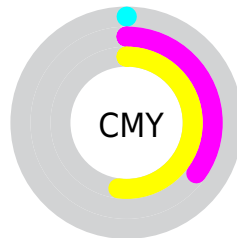


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 45.582, 52.223 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, 45.582, 52.223 by changing the saturation by 10% instead.

 76, 45.582, 52.223

 76, 45.582, 52.223

 100, 45.582,
52.223

 66, 45.582, 52.223

 96, 45.582, 52.223

 56, 45.582, 52.223

 46, 45.582, 52.223

 36, 45.582, 52.223

 26, 45.582, 52.223

 16, 45.582, 52.223

 6, 45.582, 52.223

 0, 45.582, 52.223

 76, 45.582, 52.223

 76, 45.582, 52.223

72, 56.281, 51.812

80, 35.459, 52.729

68, 67.325, 51.428

85, 25.993, 53.322

65, 78.142, 50.910

89, 17.184, 53.992

62, 87.537, 49.867

94, 8.994, 54.705

59, 93.286, 48.440

99, 1.370, 55.133

100, 0.286,
201.704

Harmonies

Complementary

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



76, 45.582, 52.223



80, 33.072, 243.647

Rectangle

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



76, 45.582, 52.223



76, 45.582, 102.223



76, 45.582, 232.223



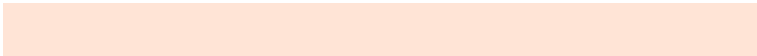
76, 45.582, 282.223

Sweetspot

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



76, 45.581, 52.227



92, 12.328, 54.410



69, 64.129, 340.039



48, 8.387, 54.262



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, 45.581, 52.227



72, 56.562, 51.807



92, 55.902, 96.293



51, 4.278, 54.873



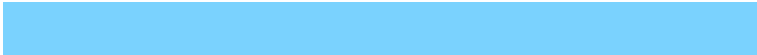
45, 74.848, 49.047



13, 28.137, 46.445

Inverse Universe

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



80, 33.072, 243.647



77, 38.096, 246.547



63, 61.374, 291.081



51, 4.080, 236.648



51, 41.800, 262.223



16, 17.977, 254.997

Previews

White Background



This preview shows how the CIELCh color 76, 45.582, 52.223 looks on a white background.

Color Contrast Check

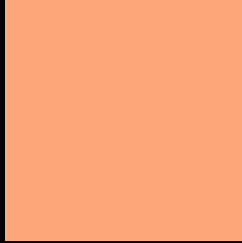
Large Text (above 18pt) WCAG AA × Fail

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, 45.582, 52.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

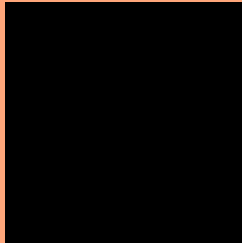
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 45.582, 52.223

Background



This preview shows how black text looks on a background with the CIELCh color 76, 45.582, 52.223.

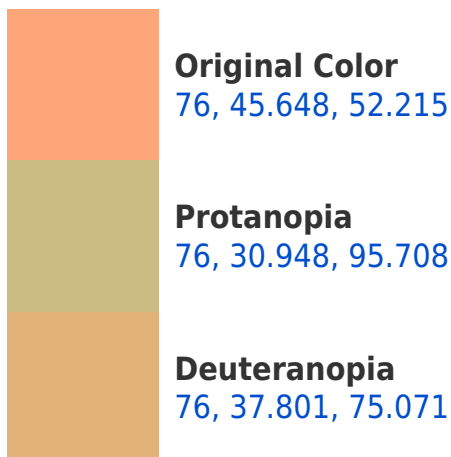


This preview shows how white text looks on a background with the CIELCh color 76, 45.582, 52.223.

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, 45.648, 52.215

Protanomaly
76, 33.315, 75.381

Deuteranomaly
76, 39.602, 65.341

Tritanomaly
76, 37.920, 29.063

Monochromacy



Original Color
76, 45.648, 52.215

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 15.378, 53.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 45.582, 52.223 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(254, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 122)  
}
```

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(254, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 45.582, 52.223 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(254, 166, 122) }
```

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

```
.border{ border-color:rgb(254, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 45.582, 52.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 122) }
```

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

```
.background{ background-color: rgb(254,  
166, 122) }
```

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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