

Converting Colors

CIELCh(76, 41.984, 65.883)

Have a look what the booklet for
CIELCh(76, 41.984, 65.883) contains.

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Color

CIELCh(76, 42.209, 65.704)

Conversions

Conversions Part 1

Format	Color
Hex	EFAE75
RGB	239, 174, 117
RGB Percent	94%, 68%, 46%
CMY	0.0629, 0.3178, 0.5413
CMYK	0.00, 0.27, 0.51, 0.06
HSL	28°, 79%, 70%
HSV	28°, 51%, 94%
XYZ	53.9229, 49.8872, 23.6071
YIQ	186.9370, 57.0370, -3.9470

Conversions

Conversions Part 2

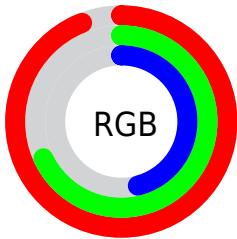
Format	Color
R _Y B	239, 224, 117
Decimal	15707765
CIE Lab	76.00, 17.37, 38.47
CIE LCh	76, 42.209, 65.704
Yxy	49.8872, 0.4232, 0.3915
Android (android.graphics.Color)	4293897845 (0xFFEFAE75)
YUV	186.9370, -34.4789, 45.6593
Hunter-Lab	70.6309, 12.6711, 29.6251

Details

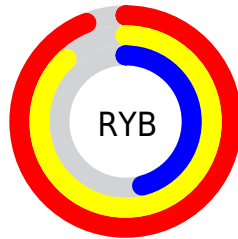
The CIELCh color **76, 42.209, 65.704** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 35.150, 261.530**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 32.390, 89.870**, and **56, 42.309, 66.298** is the 20% darker color. If you saturate the color by 10%, you get **73, 51.661, 64.505**, and if you desaturate by 10%, it is **79, 33.073, 66.895**.

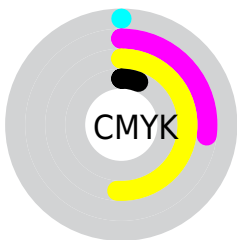
Distribution



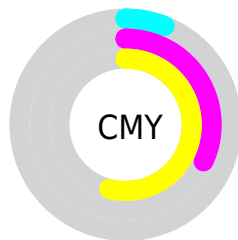
- Red (94%)
- Green (68%)
- Blue (46%)



- Red (94%)
- Yellow (88%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (32%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.209, 65.704 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, 42.209, 65.704 by changing the saturation by 10% instead.

 76, 42.209, 65.704

 76, 42.209, 65.704

 100, 42.209,
65.704

 66, 42.209, 65.704

 96, 42.209, 65.704

 56, 42.209, 65.704

 46, 42.209, 65.704

 36, 42.209, 65.704

 26, 42.209, 65.704

 16, 42.209, 65.704

 6, 42.209, 65.704

 0, 42.209, 65.704

 76, 42.209, 65.704

 76, 42.209, 65.704

73, 51.661, 64.505

79, 33.073, 66.895

70, 61.178, 63.224

83, 24.353, 68.083

67, 70.216, 61.723

87, 16.072, 69.269

64, 77.782, 59.708

90, 8.216, 70.435

62, 82.671, 57.311

94, 0.755, 71.074

98, 4.543, 230.834

99, 5.514, 199.176

Harmonies

Complementary

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



76, 42.209, 65.704



72, 35.150, 261.530

Rectangle

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



76, 42.209, 65.704



76, 42.209, 115.704



76, 42.209, 245.704



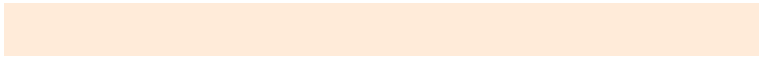
76, 42.209, 295.704

Sweetspot

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



76, 42.208, 65.709



94, 11.881, 69.974



65, 55.579, 347.207



49, 8.151, 69.726



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, 42.208, 65.709



77, 54.427, 64.485



91, 58.689, 103.765



48, 4.218, 70.612



48, 67.563, 57.994



13, 23.456, 57.790

Inverse Universe

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



72, 35.150, 261.530



72, 43.643, 264.754



56, 67.241, 296.578



48, 4.104, 253.057



41, 52.790, 280.640



11, 20.186, 272.648

Previews

White Background



This preview shows how the CIELCh color 76, 42.209, 65.704 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, 42.209, 65.704 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, 42.209, 65.704

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.209, 65.704.

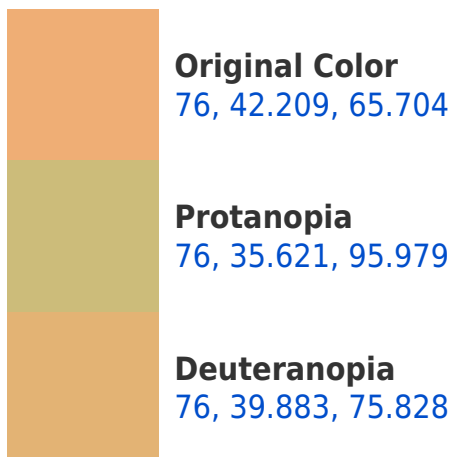


This preview shows how white text looks on a background with the CIELCh color 76, 42.209, 65.704.

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, 30.922, 9.450

Trichromacy



Original Color
76, 42.209, 65.704

Protanomaly
76, 36.729, 83.798

Deuteranomaly
76, 40.603, 72.141

Tritanomaly
76, 30.717, 34.750

Monochromacy



Original Color
76, 42.209, 65.704

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.383, 67.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.209, 65.704 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(239, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(239, 174, 117)  
}
```

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(239, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 174, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.209, 65.704 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(239, 174, 117) }
```

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

```
.border{ border-color:rgb(239, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(239, 174,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.209, 65.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 174, 117) }
```

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

```
.background{ background-color: rgb(239,  
174, 117) }
```

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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