

Converting Colors

CIELCh(77, 57.193, 78.110)

Have a look what the booklet for
CIELCh(77, 57.193, 78.110) contains.

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Color

CIELCh(77, 57.169, 78.134)

Conversions

Conversions Part 1

Format	Color
Hex	EFB454
RGB	239, 180, 84
RGB Percent	94%, 71%, 33%
CMY	0.0635, 0.2947, 0.6712
CMYK	0.00, 0.25, 0.65, 0.06
HSL	37°, 83%, 63%
HSV	37°, 65%, 94%
XYZ	53.4159, 51.5317, 15.4860
YIQ	186.6970, 65.9800, -17.3480

Conversions

Conversions Part 2

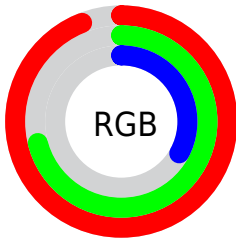
Format	Color
RYB	179, 239, 84
Decimal	15709268
CIELab	77.00, 11.76, 55.95
CIELCh	77, 57.169, 78.134
Yxy	51.5317, 0.4435, 0.4279
Android (android.graphics.Color)	4293899348 (0xFFEFB454)
YUV	186.6970, -50.6296, 45.8697
Hunter-Lab	71.7856, 7.1977, 37.4595

Details

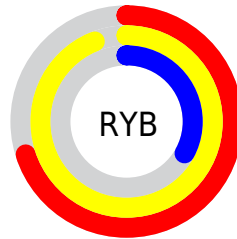
The CIELCh color **77, 57.169, 78.134** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **60, 55.085, 281.177**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 50.490, 97.308**, and **57, 57.178, 77.973** is the 20% darker color. If you saturate the color by 10%, you get **75, 65.507, 76.462**, and if you desaturate by 10%, it is **79, 48.215, 79.672**.

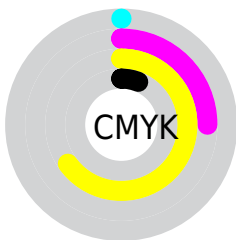
Distribution



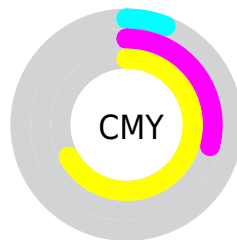
- Red (94%)
- Green (71%)
- Blue (33%)



- Red (70%)
- Yellow (94%)
- Blue (33%)



- Cyan (0%)
- Magenta (25%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 57.169, 78.134 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 77, 57.169, 78.134 by changing the saturation by 10% instead.

 77, 57.169, 78.134

 77, 57.169, 78.134

 100, 57.169,
78.134

 67, 57.169, 78.134

 97, 57.169, 78.134

 57, 57.169, 78.134

 47, 57.169, 78.134


 37, 57.169, 78.134

 27, 57.169, 78.134

 17, 57.169, 78.134

 7, 57.169, 78.134

 0, 57.169, 78.134

 77, 57.169, 78.134

 77, 57.169, 78.134

75, 65.507, 76.462

79, 48.215, 79.672

72, 72.478, 74.509

82, 39.090, 81.130

70, 77.097, 72.053

85, 30.026, 82.539

69, 78.658, 70.626

87, 21.137, 83.908

90, 12.468, 85.231

93, 4.033, 86.470

96, 4.174, 267.870

98, 4.862, 214.197

99, 5.564, 199.172

Harmonies

Complementary

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



77, 57.169, 78.134



60, 55.085, 281.177

Rectangle

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



77, 57.169, 78.134



77, 57.169, 128.134



77, 57.169, 258.134



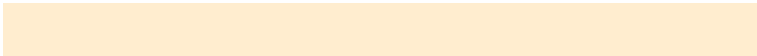
77, 57.169, 308.134

Sweetspot

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



77, 57.169, 78.137



94, 16.877, 84.685



59, 64.153, 0.089



50, 11.662, 84.304



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 57.169, 78.137



78, 71.531, 75.841



91, 74.482, 110.011



49, 4.734, 85.921



54, 64.544, 71.218



16, 24.016, 73.744

Inverse Universe

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



60, 55.085, 281.177



57, 70.578, 285.977



46, 90.250, 302.933



47, 4.707, 268.472



34, 70.627, 293.720



8, 26.278, 287.089

Previews

White Background



This preview shows how the CIELCh color 77, 57.169, 78.134 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 77, 57.169, 78.134 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 77, 57.169, 78.134

Background



This preview shows how black text looks on a background with the CIELCh color 77, 57.169, 78.134.



This preview shows how white text looks on a background with the CIELCh color 77, 57.169, 78.134.

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

77, 57.169, 78.134

Protanopia

77, 54.222, 95.889

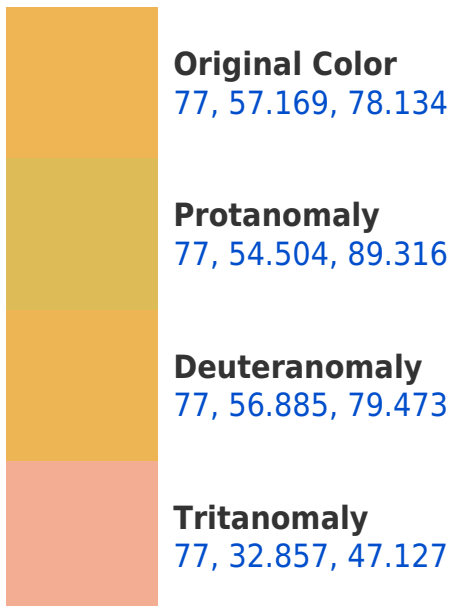
Deuteranopia

77, 56.669, 79.863



Tritanopia
77, 30.442, 9.186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 57.169, 78.134 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, 180, 84)` looks like.

```
.text, #text, p{  
    color:rgb(239, 180, 84)  
}
```

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, 180, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 180, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 57.169, 78.134 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, 180, 84) }
```

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

```
.border{ border-color:rgb(239, 180, 84) }
```

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

Here you see how a box with a 4 pixel rgb(239, 180, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 180, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 180, 84);  
box-shadow:4px 4px 4px 4px rgb(239, 180,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 57.169, 78.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 180, 84) }
```

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

```
.background{ background-color: rgb(239,  
180, 84) }
```

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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