

Converting Colors

CIELCh(77, 44.351, 77.386)

Have a look what the booklet for
CIELCh(77, 44.351, 77.386) contains.

CIELCh(77, 44.351, 77.386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 44.351, 77.386)

Conversions

Conversions Part 1

Format	Color
Hex	E8B66E
RGB	232, 182, 110
RGB Percent	91%, 71%, 43%
CMY	0.0916, 0.2876, 0.5699
CMYK	0.00, 0.22, 0.53, 0.09
HSL	35°, 72%, 67%
HSV	35°, 53%, 91%
XYZ	52.6161, 51.5317, 21.8345
YIQ	188.7420, 52.9120, -11.7920

Conversions

Conversions Part 2

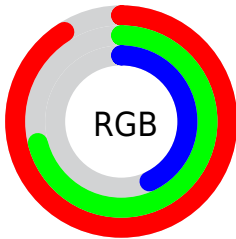
Format	Color
R_{YB}	195, 232, 110
Decimal	15251054
CIE _{Lab}	77.00, 9.69, 43.28
CIE _{LCh}	77, 44.351, 77.386
Yxy	51.5317, 0.4176, 0.4090
Android (android.graphics.Color)	4293441134 (0xFFE8B66E)
YUV	188.7420, -38.8198, 37.9373
Hunter-Lab	71.7856, 5.2088, 32.2161

Details

The CIELCh color $77, 44.351, 77.386$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $65, 41.536, 274.836$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 38.708, 97.072$, and $57, 44.366, 76.984$ is the 20% darker color. If you saturate the color by 10%, you get $74, 53.201, 75.891$, and if you desaturate by 10%, it is $80, 35.478, 78.824$.

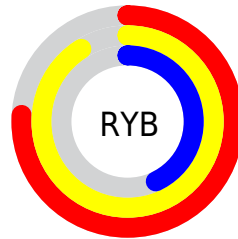
Distribution



Red (91%)

Green (71%)

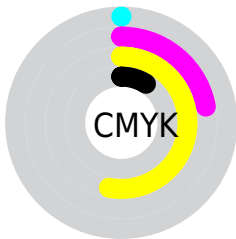
Blue (43%)



Red (76%)

Yellow (91%)

Blue (43%)

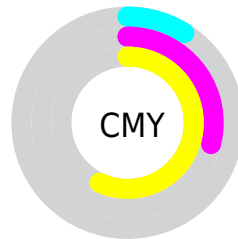


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 44.351, 77.386 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, 44.351, 77.386 by changing the saturation by 10% instead.

77, 44.351, 77.386

77, 44.351, 77.386

100, 44.351,
77.386

67, 44.351, 77.386

97, 44.351, 77.386

57, 44.351, 77.386

47, 44.351, 77.386

37, 44.351, 77.386

27, 44.351, 77.386

17, 44.351, 77.386

7, 44.351, 77.386

0, 44.351, 77.386

77, 44.351, 77.386

77, 44.351, 77.386

74, 53.201, 75.891

80, 35.478, 78.824

72, 61.673, 74.267

82, 26.757, 80.215

70, 69.122, 72.391

85, 18.268, 81.568

67, 74.595, 70.035

88, 10.036, 82.876

66, 77.213, 67.956

91, 2.061, 84.032

94, 5.671, 265.490

97, 6.576, 231.739

98, 7.978, 198.984

Harmonies

Complementary

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



77, 44.351, 77.386



65, 41.536, 274.836

Rectangle

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



77, 44.351, 77.386



77, 44.351, 127.386



77, 44.351, 257.386



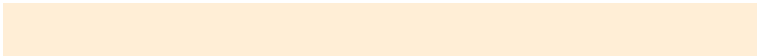
77, 44.351, 307.386

Sweetspot

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



77, 44.351, 77.390



95, 13.803, 82.433



62, 52.740, 354.944



50, 9.351, 82.163



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, 44.351, 77.390



81, 57.854, 75.785



89, 60.689, 109.147



47, 4.449, 83.280



51, 63.452, 68.593



13, 21.279, 70.536

Inverse Universe

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



65, 41.536, 274.836



66, 53.905, 278.166



53, 70.273, 300.089



45, 4.408, 265.839



34, 65.536, 291.619



7, 22.974, 283.436

Previews

White Background



This preview shows how the CIELCh color 77, 44.351, 77.386 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, 44.351, 77.386 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, 44.351, 77.386

Background



This preview shows how black text looks on a background with the CIELCh color 77, 44.351, 77.386.



This preview shows how white text looks on a background with the CIELCh color 77, 44.351, 77.386.

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, 44.351, 77.386

Protanopia

77, 41.241, 95.665

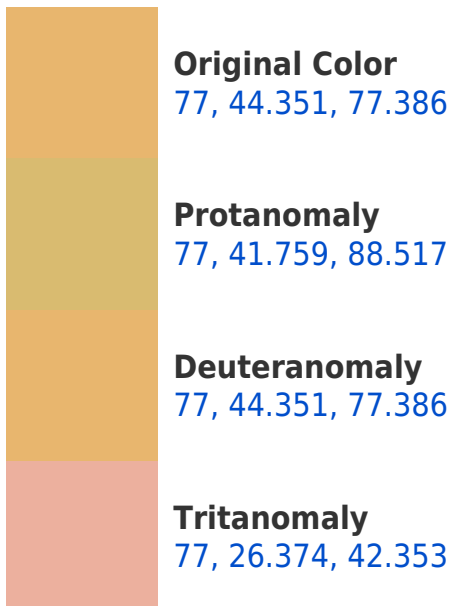
Deuteranopia

77, 44.351, 77.386



Tritanopia
77, 25.771, 6.237

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 44.351, 77.386 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(232, 182, 110)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 110)  
}
```

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(232, 182, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 44.351, 77.386 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(232, 182, 110) }
```

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

```
.border{ border-color:rgb(232, 182, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 182, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 110);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 44.351, 77.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 110) }
```

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

```
.background{ background-color: rgb(232,  
182, 110) }
```

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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