

Converting Colors

CIELCh(77, 36.370, 70.207)

Have a look what the booklet for
CIELCh(77, 36.370, 70.207) contains.

CIELCh(77, 36.370, 70.207)	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, 36.370, 70.207)

Conversions

Conversions Part 1

Format	Color
Hex	E8B47F
RGB	232, 180, 127
RGB Percent	91%, 71%, 50%
CMY	0.0888, 0.2928, 0.5007
CMYK	0.00, 0.22, 0.45, 0.09
HSL	30°, 70%, 71%
HSV	30°, 45%, 91%
XYZ	53.6339, 51.5317, 27.3060
YIQ	189.5060, 48.0050, -5.4590

Conversions

Conversions Part 2

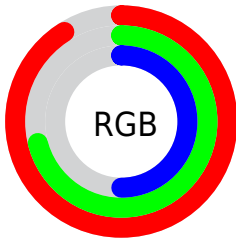
Format	Color
RYB	230, 232, 127
Decimal	15250559
CIELab	77.00, 12.32, 34.22
CIELCh	77, 36.370, 70.207
Yxy	51.5317, 0.4049, 0.3890
Android (android.graphics.Color)	4293440639 (0xFFE8B47F)
YUV	189.5060, -30.8155, 37.2672
Hunter-Lab	71.7856, 7.7396, 27.6971

Details

The CIELCh color $77, 36.370, 70.207$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $71, 32.024, 264.208$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 29.587, 93.375$, and $57, 36.268, 70.014$ is the 20% darker color. If you saturate the color by 10%, you get $74, 45.359, 68.904$, and if you desaturate by 10%, it is $80, 27.683, 71.498$.

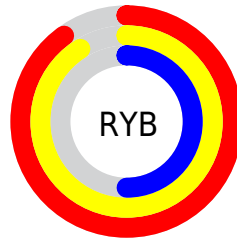
Distribution



Red (91%)

Green (71%)

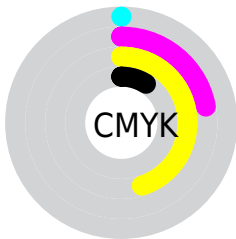
Blue (50%)



Red (90%)

Yellow (91%)

Blue (50%)

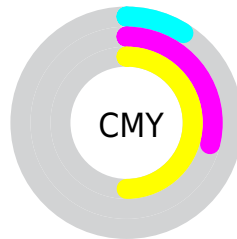


Cyan (0%)

Magenta (22%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.370, 70.207 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, 36.370, 70.207 by changing the saturation by 10% instead.

77, 36.370, 70.207

77, 36.370, 70.207

100, 36.370,
70.207

67, 36.370, 70.207

97, 36.370, 70.207

57, 36.370, 70.207

47, 36.370, 70.207

37, 36.370, 70.207

27, 36.370, 70.207

17, 36.370, 70.207

7, 36.370, 70.207

0, 36.370, 70.207

77, 36.370, 70.207

77, 36.370, 70.207

74, 45.359, 68.904

80, 27.683, 71.498

71, 54.487, 67.542

84, 19.360, 72.770

68, 63.390, 66.041

87, 11.409, 74.019

65, 71.363, 64.217

90, 3.815, 75.190

63, 77.312, 61.738

94, 3.453, 256.630

62, 79.535, 60.386

97, 6.433, 225.753

98, 7.736, 199.002

Harmonies

Complementary

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



77, 36.370, 70.207



71, 32.024, 264.208

Rectangle

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



77, 36.370, 70.207



77, 36.370, 120.207



77, 36.370, 250.207



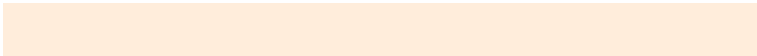
77, 36.370, 300.207

Sweetspot

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



77, 36.370, 70.212



95, 11.297, 74.158



66, 47.657, 348.362



50, 7.838, 73.891



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, 36.370, 70.212



81, 47.755, 69.028



90, 52.786, 105.843



47, 4.238, 74.712



49, 65.769, 61.044



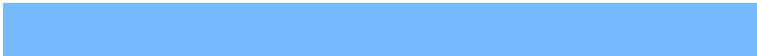
13, 22.180, 61.445

Inverse Universe

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



71, 32.024, 264.208



73, 40.944, 266.787



58, 59.651, 296.574



47, 4.148, 257.233



39, 56.297, 284.463



9, 20.753, 276.335

Previews

White Background



This preview shows how the CIELCh color 77, 36.370, 70.207 looks on a white background.

Color Contrast Check

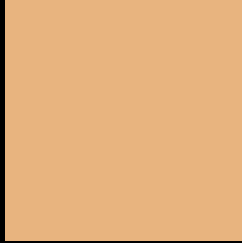
Large Text (above 18pt) WCAG AA × Fail

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, 36.370, 70.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

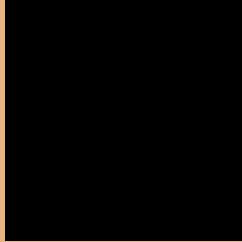
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.370, 70.207

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.370, 70.207.



This preview shows how white text looks on a background with the CIELCh color 77, 36.370, 70.207.

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, 36.370, 70.207

Protanopia

77, 32.003, 95.261

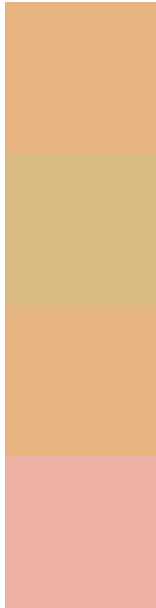
Deuteranopia

77, 35.596, 74.268



Tritanopia
77, 25.771, 6.237

Trichromacy



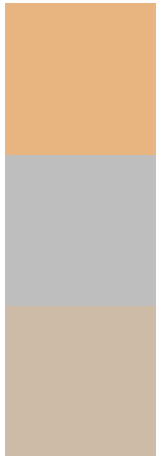
Original Color
77, 36.370, 70.207

Protanomaly
77, 32.496, 84.627

Deuteranomaly
77, 35.958, 72.214

Tritanomaly
77, 24.833, 34.837

Monochromacy



Original Color
77, 36.370, 70.207

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.621, 73.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.370, 70.207 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, 180, 127)` looks like.

```
.text, #text, p{  
    color:rgb(232, 180, 127)  
}
```

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, 180, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 180, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.370, 70.207 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, 180, 127) }
```

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

```
.border{ border-color:rgb(232, 180, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 180, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 180, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 180, 127);  
box-shadow:4px 4px 4px 4px rgb(232, 180,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.370, 70.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 180, 127) }
```

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

```
.background{ background-color: rgb(232,  
180, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor