

Converting Colors

CIELCh(77, 36.290, 73.978)

Have a look what the booklet for
CIELCh(77, 36.290, 73.978) contains.

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Color

CIELCh(77, 36.302, 74.089)

Conversions

Conversions Part 1

Format	Color
Hex	E5B67E
RGB	229, 182, 126
RGB Percent	90%, 71%, 49%
CMY	0.1026, 0.2868, 0.5064
CMYK	0.00, 0.21, 0.45, 0.10
HSL	33°, 66%, 70%
HSV	33°, 45%, 90%
XYZ	52.7186, 51.5317, 26.8604
YIQ	189.6690, 45.9880, -7.4520

Conversions

Conversions Part 2

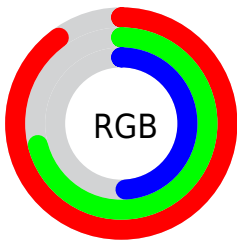
Format	Color
R _Y B	212, 229, 126
Decimal	15054462
CIE Lab	77.00, 9.95, 34.91
CIE LCh	77, 36.302, 74.089
Yxy	51.5317, 0.4021, 0.3930
Android (android.graphics.Color)	4293244542 (0xFFE5B67E)
YUV	189.6690, -31.3888, 34.4933
Hunter-Lab	71.7856, 5.4638, 28.0651

Details

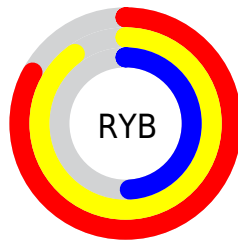
The CIELCh color **77, 36.302, 74.089** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 33.044, 268.276**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.829, 95.350**, and **57, 36.123, 74.115** is the 20% darker color. If you saturate the color by 10%, you get **74, 45.122, 72.703**, and if you desaturate by 10%, it is **80, 27.702, 75.450**.

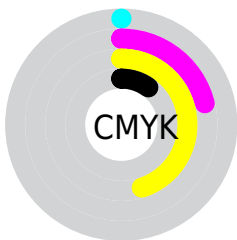
Distribution



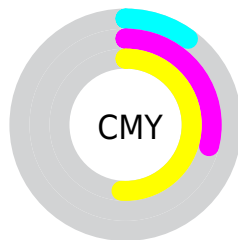
- Red (90%)
- Green (71%)
- Blue (49%)



- Red (83%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.302, 74.089 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, 36.302, 74.089 by changing the saturation by 10% instead.

77, 36.302, 74.089

77, 36.302, 74.089

100, 36.302,
74.089

67, 36.302, 74.089

97, 36.302, 74.089

57, 36.302, 74.089

47, 36.302, 74.089

37, 36.302, 74.089

27, 36.302, 74.089

17, 36.302, 74.089

7, 36.302, 74.089

0, 36.302, 74.089

77, 36.302, 74.089

77, 36.302, 74.089

74, 45.122, 72.703

80, 27.702, 75.450

71, 53.983, 71.244

83, 19.398, 76.778

69, 62.508, 69.641

86, 11.407, 78.072

66, 69.998, 67.724

89, 3.724, 79.283

64, 75.424, 65.201

92, 3.673, 260.722

63, 77.465, 63.767

96, 7.493, 245.282

98, 8.886, 199.098

98, 8.905, 198.917

Harmonies

Complementary

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



77, 36.302, 74.089



69, 33.044, 268.276

Rectangle

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



77, 36.302, 74.089



77, 36.302, 124.089



77, 36.302, 254.089



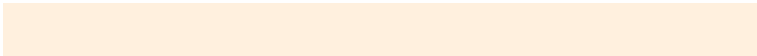
77, 36.302, 304.089

Sweetspot

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



77, 36.302, 74.094



95, 10.752, 78.315



65, 46.060, 350.379



50, 7.557, 78.034



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, 36.302, 74.094



82, 48.316, 72.799



89, 51.935, 107.411



47, 4.281, 78.765



50, 64.177, 64.415



13, 21.012, 65.442

Inverse Universe

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



69, 33.044, 268.276



72, 43.168, 270.899



57, 58.609, 297.427



46, 4.214, 261.322



36, 60.073, 287.958



8, 21.330, 279.705

Previews

White Background



This preview shows how the CIELCh color 77, 36.302, 74.089 looks on a white background.

Color Contrast Check

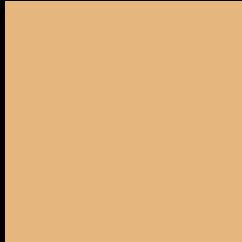
Large Text (above 18pt) WCAG AA × Fail

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, 36.302, 74.089 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, 36.302, 74.089

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.302, 74.089.



This preview shows how white text looks on a background with the CIELCh color 77, 36.302, 74.089.

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, 36.302, 74.089

Protanopia

77, 33.021, 95.503

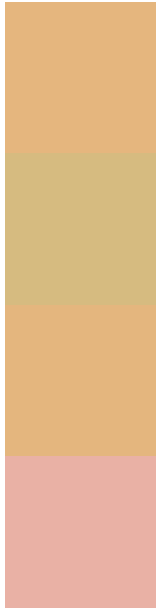
Deuteranopia

77, 36.052, 74.640



Tritanopia
77, 24.248, 5.064

Trichromacy



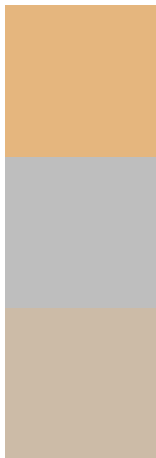
Original Color
77, 36.302, 74.089

Protanomaly
77, 33.450, 87.441

Deuteranomaly
77, 36.052, 74.640

Tritanomaly
77, 23.403, 36.876

Monochromacy



Original Color
77, 36.302, 74.089

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.612, 77.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.302, 74.089 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(229, 182, 126)` looks like.

```
.text, #text, p{  
    color:rgb(229, 182, 126)  
}
```

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(229, 182, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 182, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.302, 74.089 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(229, 182, 126) }
```

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

```
.border{ border-color:rgb(229, 182, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 182, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 182, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 182, 126);  
box-shadow:4px 4px 4px 4px rgb(229, 182,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.302, 74.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 182, 126) }
```

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

```
.background{ background-color: rgb(229,  
182, 126) }
```

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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