

Converting Colors

CIELCh(78, 38.288, 75.010)

Have a look what the booklet for
CIELCh(78, 38.288, 75.010) contains.

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Color

CIELCh(78, 38.702, 75.365)

Conversions

Conversions Part 1

Format	Color
Hex	E9B97C
RGB	233, 185, 124
RGB Percent	91%, 73%, 49%
CMY	0.0881, 0.2762, 0.5153
CMYK	0.00, 0.21, 0.47, 0.09
HSL	34°, 71%, 70%
HSV	34°, 47%, 91%
XYZ	54.3273, 53.2120, 26.3427
YIQ	192.3980, 48.1890, -8.7950

Conversions

Conversions Part 2

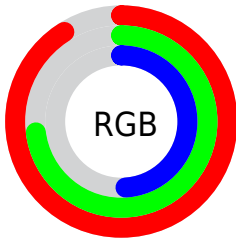
Format	Color
R _Y B	210, 233, 124
Decimal	15317372
CIE Lab	78.00, 9.78, 37.45
CIE LCh	78, 38.702, 75.365
Yxy	53.2120, 0.4058, 0.3975
Android (android.graphics.Color)	4293507452 (0xFFE9B97C)
YUV	192.3980, -33.7202, 35.6080
Hunter-Lab	72.9466, 5.2824, 29.6516

Details

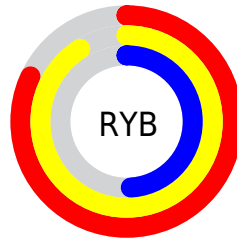
The CIELCh color **78, 38.702, 75.365** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 35.563, 270.367**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 32.997, 98.060**, and **58, 38.596, 75.322** is the 20% darker color. If you saturate the color by 10%, you get **75, 47.644, 73.943**, and if you desaturate by 10%, it is **81, 29.923, 76.753**.

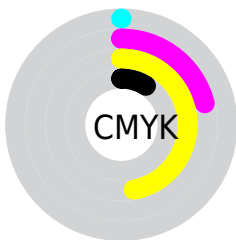
Distribution



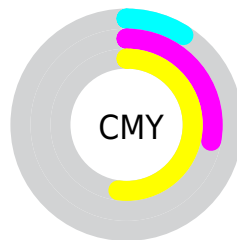
- Red (91%)
- Green (73%)
- Blue (49%)



- Red (82%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 38.702, 75.365 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 78, 38.702, 75.365 by changing the saturation by 10% instead.

 78, 38.702, 75.365

 78, 38.702, 75.365

 100, 38.702,
75.365

 68, 38.702, 75.365

 98, 38.702, 75.365

 58, 38.702, 75.365

 48, 38.702, 75.365

 38, 38.702, 75.365

 28, 38.702, 75.365

 18, 38.702, 75.365

 8, 38.702, 75.365

 0, 38.702, 75.365

 78, 38.702, 75.365

 78, 38.702, 75.365

75, 47.644, 73.943

81, 29.923, 76.753

72, 56.529, 72.435

84, 21.406, 78.104

70, 64.910, 70.757

87, 13.184, 79.420

67, 72.003, 68.725

90, 5.257, 80.672

65, 76.790, 66.052

93, 2.390, 262.145

64, 78.028, 65.157

96, 6.445, 245.032

98, 7.675, 199.006

Harmonies

Complementary

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



78, 38.702, 75.365



69, 35.563, 270.367

Rectangle

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



78, 38.702, 75.365



78, 38.702, 125.365



78, 38.702, 255.365



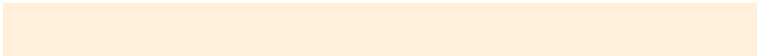
78, 38.702, 305.365

Sweetspot

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



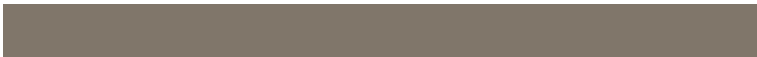
78, 38.702, 75.370



95, 11.744, 79.777



65, 48.104, 351.729



50, 8.141, 79.498



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 38.702, 75.370



82, 50.541, 74.026



90, 54.647, 108.027



48, 4.415, 80.355



51, 64.568, 65.790



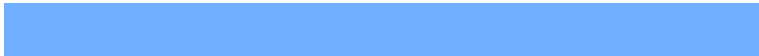
14, 22.336, 67.383

Inverse Universe

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



69, 35.563, 270.367



70, 45.766, 273.089



57, 62.053, 298.215



46, 4.356, 262.924



36, 62.658, 289.329



8, 22.842, 281.745

Previews

White Background



This preview shows how the CIELCh color 78, 38.702, 75.365 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 78, 38.702, 75.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

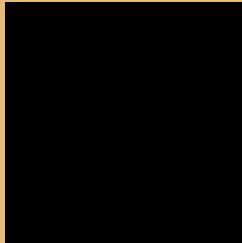
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 38.702, 75.365

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.702, 75.365.

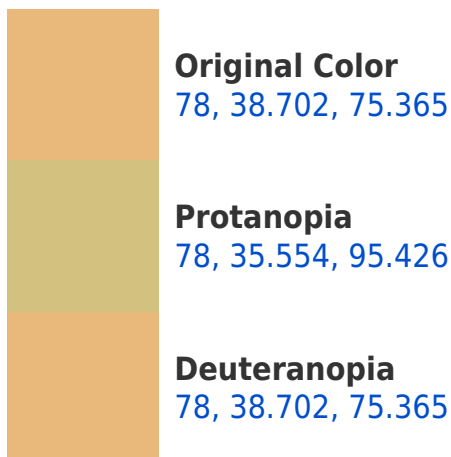



This preview shows how white text looks on a background with the CIELCh color 78, 38.702, 75.365.

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](#).

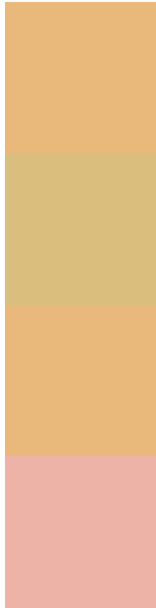
Dichromacy





Tritanopia
78, 25.046, 4.443

Trichromacy



Original Color
78, 38.702, 75.365

Protanomaly
78, 35.972, 87.919

Deuteranomaly
78, 38.702, 75.365

Tritanomaly
78, 24.335, 37.545

Monochromacy



Original Color
78, 38.702, 75.365

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 13.721, 78.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.702, 75.365 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(233, 185, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 185, 124)  
}
```

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(233, 185, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 185, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.702, 75.365 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(233, 185, 124) }
```

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

```
.border{ border-color:rgb(233, 185, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 185, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 185, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 185, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 185,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.702, 75.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 185, 124) }
```

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

```
.background{ background-color: rgb(233,  
185, 124) }
```

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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