

Converting Colors

CIELCh(78, 29.076, 72.614)

Have a look what the booklet for
CIELCh(78, 29.076, 72.614) contains.

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Color

CIELCh(78, 28.949, 73.183)

Conversions

Conversions Part 1

Format	Color
Hex	E2BA8E
RGB	226, 186, 142
RGB Percent	89%, 73%, 56%
CMY	0.1139, 0.2707, 0.4433
CMYK	0.00, 0.18, 0.37, 0.11
HSL	31°, 59%, 72%
HSV	31°, 37%, 89%
XYZ	53.7781, 53.2120, 33.0112
YIQ	192.9440, 37.9640, -5.2040

Conversions

Conversions Part 2

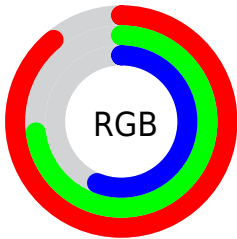
Format	Color
R _Y B	218, 226, 142
Decimal	14858894
CIE Lab	78.00, 8.38, 27.71
CIE LCh	78, 28.949, 73.183
Yxy	53.2120, 0.3841, 0.3801
Android (android.graphics.Color)	4293048974 (0xFFE2BA8E)
YUV	192.9440, -25.1154, 28.9901
Hunter-Lab	72.9466, 3.9384, 24.2316

Details

The CIELCh color **78, 28.949, 73.183** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 26.463, 264.289**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.961, 96.396**, and **58, 29.040, 73.547** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.505, 71.861**, and if you desaturate by 10%, it is **81, 20.709, 74.495**.

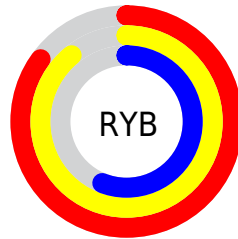
Distribution



Red (89%)

Green (73%)

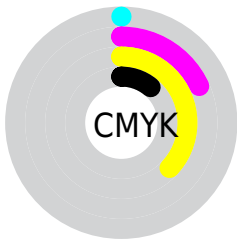
Blue (56%)



Red (85%)

Yellow (89%)

Blue (56%)

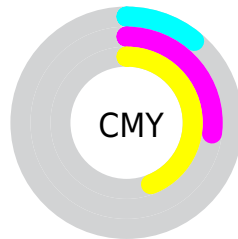


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (27%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 28.949, 73.183 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, 28.949, 73.183 by changing the saturation by 10% instead.

 78, 28.949, 73.183

 78, 28.949, 73.183

 100, 28.949,
73.183

 68, 28.949, 73.183

 98, 28.949, 73.183

 58, 28.949, 73.183

 48, 28.949, 73.183

 38, 28.949, 73.183

 28, 28.949, 73.183

 18, 28.949, 73.183

 8, 28.949, 73.183

 0, 28.949, 73.183

 78, 28.949, 73.183

 78, 28.949, 73.183

75, 37.505, 71.861

81, 20.709, 74.495

72, 46.296, 70.500

84, 12.806, 75.775

69, 55.122, 69.067

88, 5.233, 76.999

67, 63.568, 67.466

91, 2.033, 258.496

64, 70.866, 65.495

94, 9.019, 259.549

62, 75.998, 62.844

97, 8.593, 214.517

61, 77.260, 62.067

98, 9.859, 198.850

Harmonies

Complementary

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



78, 28.949, 73.183



73, 26.463, 264.289

Rectangle

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



78, 28.949, 73.183



78, 28.949, 123.183



78, 28.949, 253.183



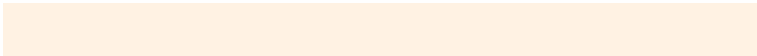
78, 28.949, 303.183

Sweetspot

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



78, 28.949, 73.189



96, 8.929, 76.534



69, 38.138, 348.282



51, 6.018, 76.367



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, 28.949, 73.189



84, 39.317, 72.112



88, 42.860, 107.341



45, 4.140, 76.732



48, 63.904, 62.738



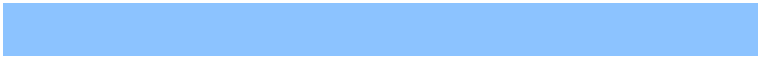
12, 19.676, 62.934

Inverse Universe

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



73, 26.463, 264.289



77, 35.184, 266.285



62, 47.125, 295.577



45, 4.065, 259.267



37, 57.121, 286.159



8, 19.740, 277.052

Previews

White Background



This preview shows how the CIELCh color 78, 28.949, 73.183 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, 28.949, 73.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

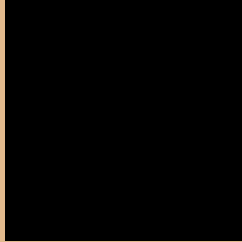
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 28.949, 73.183

Background



This preview shows how black text looks on a background with the CIELCh color 78, 28.949, 73.183.

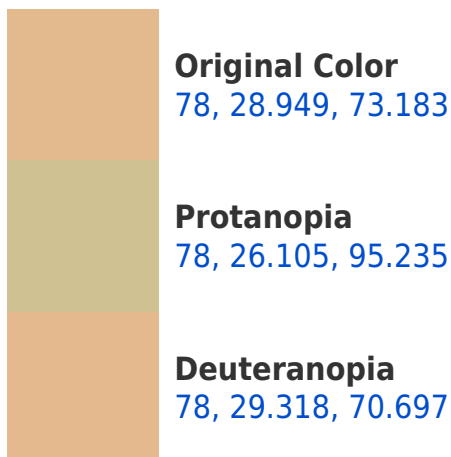


This preview shows how white text looks on a background with the CIELCh color 78, 28.949, 73.183.

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](#).

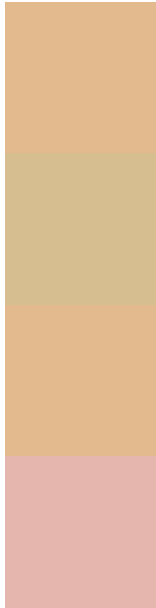
Dichromacy





Tritanopia
78, 20.965, 0.488

Trichromacy



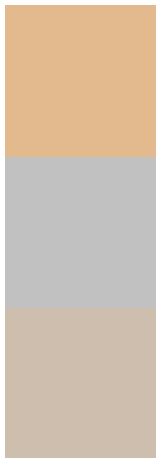
Original Color
78, 28.949, 73.183

Protanomaly
78, 26.441, 86.109

Deuteranomaly
78, 29.052, 71.334

Tritanomaly
78, 18.984, 33.702

Monochromacy



Original Color
78, 28.949, 73.183

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.318, 75.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 28.949, 73.183 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(226, 186, 142)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 142)  
}
```

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(226, 186, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 28.949, 73.183 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(226, 186, 142) }
```

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

```
.border{ border-color:rgb(226, 186, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 186, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 186, 142);  
box-shadow:4px 4px 4px 4px rgb(226, 186,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 28.949, 73.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 142) }
```

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

```
.background{ background-color: rgb(226,  
186, 142) }
```

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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