

Converting Colors

CIELCh(80, 33.682, 84.849)

Have a look what the booklet for
CIELCh(80, 33.682, 84.849) contains.

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Color

CIELCh(80, 33.834, 84.980)

Conversions

Conversions Part 1

Format	Color
Hex	E2C388
RGB	226, 195, 136
RGB Percent	89%, 76%, 53%
CMY	0.1156, 0.2371, 0.4684
CMYK	0.00, 0.14, 0.40, 0.12
HSL	39°, 60%, 71%
HSV	39°, 40%, 88%
XYZ	55.0385, 56.6813, 31.1706
YIQ	197.5430, 37.4150, -11.7770

Conversions

Conversions Part 2

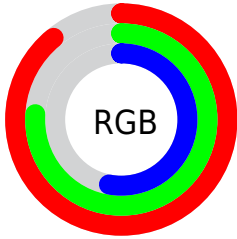
Format	Color
R _Y B	183, 226, 136
Decimal	14861192
CIE Lab	80.00, 2.96, 33.70
CIE LCh	80, 33.834, 84.980
Yxy	56.6813, 0.3852, 0.3967
Android (android.graphics.Color)	4293051272 (0xFFE2C388)
YUV	197.5430, -30.3407, 24.9568
Hunter-Lab	75.2870, -1.2598, 28.1534

Details

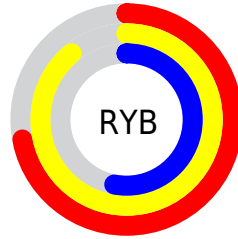
The CIELCh color **80, 33.834, 84.980** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68, 33.399, 277.013**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 30.842, 104.962**, and **60, 34.094, 85.625** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.618, 83.567**, and if you desaturate by 10%, it is **82, 25.109, 86.359**.

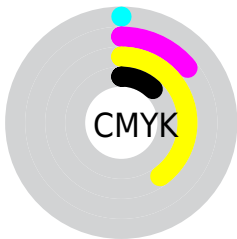
Distribution



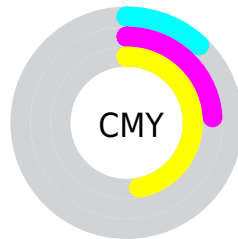
- Red (89%)
- Green (76%)
- Blue (53%)



- Red (72%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 33.834, 84.980 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 80, 33.834, 84.980 by changing the saturation by 10% instead.

 80, 33.834, 84.980

 80, 33.834, 84.980

 100, 33.834,
84.980

 70, 33.834, 84.980

 60, 33.834, 84.980

 50, 33.834, 84.980

 40, 33.834, 84.980

 30, 33.834, 84.980

 20, 33.834, 84.980

 10, 33.834, 84.980

 0, 33.834, 84.980

 80, 33.834, 84.980

 80, 33.834, 84.980

78, 42.618, 83.567

82, 25.109, 86.359

76, 51.286, 82.094

85, 16.524, 87.691

73, 59.513, 80.527

87, 8.117, 88.969

71, 66.727, 78.788

90, 0.102, 272.920

69, 72.091, 76.726

92, 8.138, 271.488

67, 75.147, 74.218

94, 8.784, 253.690

67, 75.179, 74.190

96, 8.456, 220.752

98, 10.002,
198.840

Harmonies

Complementary

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



80, 33.834, 84.980



68, 33.399, 277.013

Rectangle

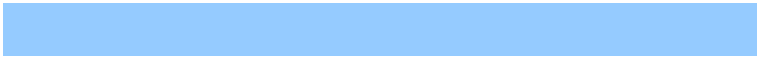
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 33.834, 84.980



80, 33.834, 134.980



80, 33.834, 264.980



80, 33.834, 314.980

Sweetspot

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



80, 33.835, 84.985



97, 10.915, 88.695



67, 38.349, 357.288



51, 7.252, 88.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 33.835, 84.985



87, 45.265, 83.792



87, 46.126, 113.088



46, 4.641, 89.024



54, 62.458, 74.723



14, 20.665, 77.434

Inverse Universe

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



68, 33.399, 277.013



71, 44.704, 279.069



61, 50.892, 300.024



44, 4.634, 271.517



30, 72.488, 295.843



5, 23.757, 286.044

Previews

White Background



This preview shows how the CIELCh color 80, 33.834, 84.980 looks on a white background.

Color Contrast Check

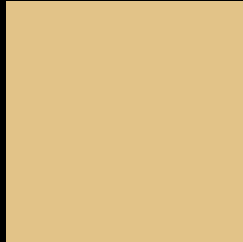
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 33.834, 84.980 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 80, 33.834, 84.980

Background



This preview shows how black text looks on a background with the CIELCh color 80, 33.834, 84.980.



This preview shows how white text looks on a background with the CIELCh color 80, 33.834, 84.980.

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


80, 33.834, 84.980

Protanopia

80, 32.879, 94.960

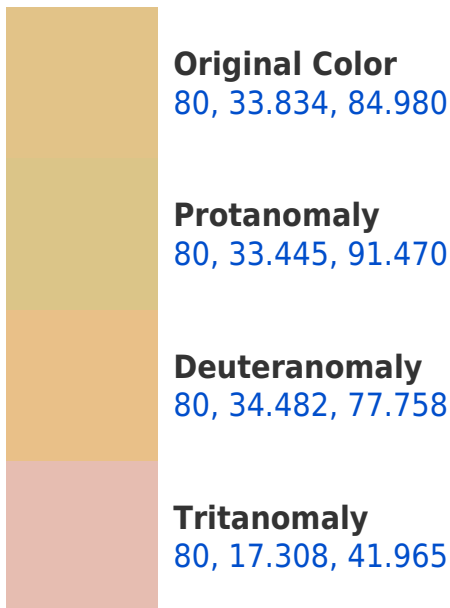
Deuteranopia

80, 34.622, 73.116



Tritanopia
80, 18.895, 356.173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 33.834, 84.980 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, 195, 136)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 136)  
}
```

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, 195, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 33.834, 84.980 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, 195, 136) }
```

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

```
.border{ border-color:rgb(226, 195, 136) }
```

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

Here you see how a box with a 4 pixel rgb(226, 195, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 136);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 33.834, 84.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 136) }
```

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

```
.background{ background-color: rgb(226,  
195, 136) }
```

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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