

Converting Colors

CIELCh(84, 26.913, 80.114)

Have a look what the booklet for
CIELCh(84, 26.913, 80.114) contains.

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Color

CIELCh(84, 26.813, 80.438)

Conversions

Conversions Part 1

Format	Color
Hex	ECCDA0
RGB	236, 205, 160
RGB Percent	93%, 80%, 63%
CMY	0.0743, 0.1959, 0.3724
CMYK	0.00, 0.13, 0.32, 0.07
HSL	36°, 67%, 78%
HSV	36°, 32%, 93%
XYZ	62.7998, 64.0658, 42.3341
YIQ	209.1390, 32.9210, -7.4230

Conversions

Conversions Part 2

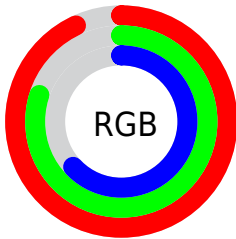
Format	Color
R _Y B	212, 236, 160
Decimal	15519136
CIE Lab	84.00, 4.45, 26.44
CIE LCh	84, 26.813, 80.438
Yxy	64.0658, 0.3712, 0.3786
Android (android.graphics.Color)	4293709216 (0xFFECCDA0)
YUV	209.1390, -24.2255, 23.5571
Hunter-Lab	80.0411, -0.0217, 24.6700

Details

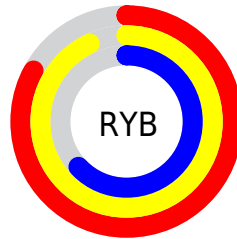
The CIELCh color **84, 26.813, 80.438** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 25.743, 269.960**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **64, 26.885, 80.736** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.666, 79.053**, and if you desaturate by 10%, it is **87, 18.196, 81.798**.

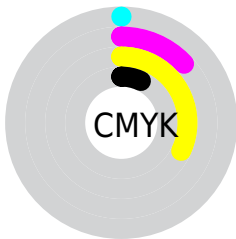
Distribution



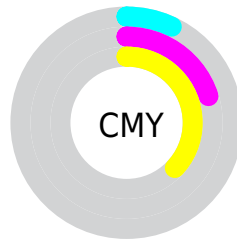
- Red (93%)
- Green (80%)
- Blue (63%)



- Red (83%)
- Yellow (93%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 26.813, 80.438 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 84, 26.813, 80.438 by changing the saturation by 10% instead.

 84, 26.813, 80.438

 84, 26.813, 80.438

 100, 26.813,
80.438

 74, 26.813, 80.438

 64, 26.813, 80.438

 54, 26.813, 80.438

 44, 26.813, 80.438

 34, 26.813, 80.438

 24, 26.813, 80.438

 14, 26.813, 80.438

 4, 26.813, 80.438

 0, 26.813, 80.438

84, 26.813, 80.438

84, 26.813, 80.438

81, 35.666, 79.053

87, 18.196, 81.798

78, 44.674, 77.618

90, 9.837, 83.106

76, 53.663, 76.120

93, 1.737, 84.230

73, 62.280, 74.499

96, 6.117, 265.715

71, 69.882, 72.634

98, 5.931, 208.134

69, 75.506, 70.299

99, 6.498, 199.096

67, 78.299, 68.089

Harmonies

Complementary

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



84, 26.813, 80.438



77, 25.743, 269.960

Rectangle

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



84, 26.813, 80.438



84, 26.813, 130.438



84, 26.813, 260.438



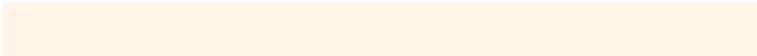
84, 26.813, 310.438

Sweetspot

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



84, 26.814, 80.444



97, 8.555, 83.378



74, 32.997, 351.758



51, 5.850, 83.200



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 26.814, 80.444



88, 34.941, 79.479



91, 38.725, 110.737



48, 4.538, 83.451



52, 64.107, 68.725



14, 22.546, 70.843

Inverse Universe

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



77, 25.743, 269.960



78, 33.245, 271.501



69, 41.900, 296.921



46, 4.497, 266.014



34, 66.527, 291.798



7, 24.119, 284.450

Previews

White Background



This preview shows how the CIELCh color 84, 26.813, 80.438 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 84, 26.813, 80.438 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 84, 26.813, 80.438

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.813, 80.438.



This preview shows how white text looks on a background with the CIELCh color 84, 26.813, 80.438.

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

84, 26.813, 80.438

Protanopia

84, 25.314, 94.412

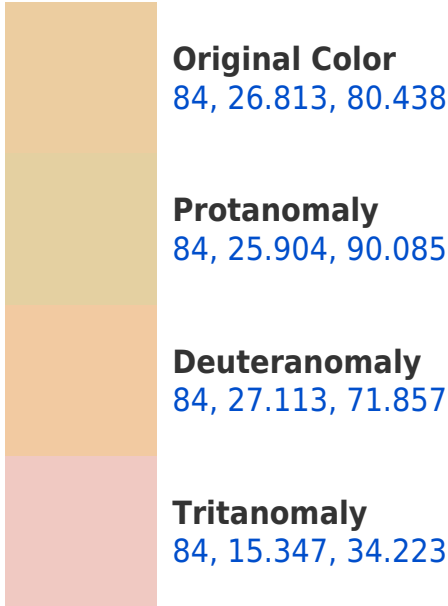
Deuteranopia

84, 28.043, 68.011

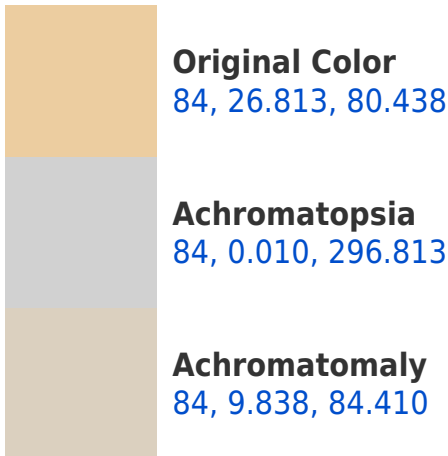


Tritanopia
84, 18.013, 354.984

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.813, 80.438 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(236, 205, 160)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 160)  
}
```

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(236, 205, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.813, 80.438 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(236, 205, 160) }
```

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

```
.border{ border-color:rgb(236, 205, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 205, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 205, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 205, 160);  
box-shadow:4px 4px 4px 4px rgb(236, 205,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.813, 80.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 160) }
```

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

```
.background{ background-color: rgb(236,  
205, 160) }
```

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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