

Converting Colors

CIELCh(84, 27.196, 84.603)

Have a look what the booklet for
CIELCh(84, 27.196, 84.603) contains.

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Color

CIELCh(84, 27.004, 84.350)

Conversions

Conversions Part 1

Format	Color
Hex	E9CE9F
RGB	233, 206, 159
RGB Percent	91%, 81%, 62%
CMY	0.0857, 0.1916, 0.3759
CMYK	0.00, 0.12, 0.32, 0.09
HSL	38°, 63%, 77%
HSV	38°, 32%, 91%
XYZ	62.0263, 64.0658, 41.9591
YIQ	208.7150, 31.1790, -8.8930

Conversions

Conversions Part 2

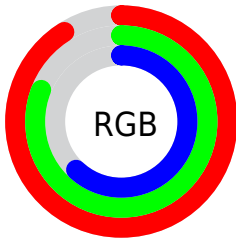
Format	Color
R _Y B	202, 233, 159
Decimal	15322783
CIE Lab	84.00, 2.66, 26.87
CIE LCh	84, 27.004, 84.350
Yxy	64.0658, 0.3691, 0.3812
Android (android.graphics.Color)	4293512863 (0xFFE9CE9F)
YUV	208.7150, -24.5095, 21.2979
Hunter-Lab	80.0411, -1.7468, 24.9478

Details

The CIELCh color **84, 27.004, 84.350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 26.466, 273.616**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **64, 27.080, 84.872** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.905, 82.964**, and if you desaturate by 10%, it is **87, 18.270, 85.707**.

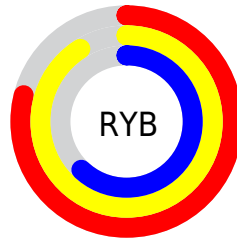
Distribution



Red (91%)

Green (81%)

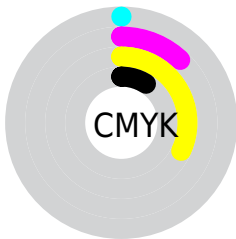
Blue (62%)



Red (79%)

Yellow (91%)

Blue (62%)

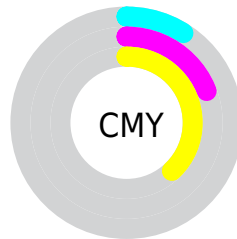


Cyan (0%)

Magenta (12%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.004, 84.350 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, 27.004, 84.350 by changing the saturation by 10% instead.

 84, 27.004, 84.350

 84, 27.004, 84.350

 100, 27.004,
84.350

 74, 27.004, 84.350

 64, 27.004, 84.350

 54, 27.004, 84.350

 44, 27.004, 84.350

 34, 27.004, 84.350

 24, 27.004, 84.350

 14, 27.004, 84.350

 4, 27.004, 84.350

 0, 27.004, 84.350

84, 27.004, 84.350

84, 27.004, 84.350

81, 35.905, 82.964

87, 18.270, 85.707

79, 44.880, 81.526

89, 9.738, 87.007

77, 53.738, 80.026

92, 1.419, 88.100

74, 62.112, 78.414

95, 6.693, 269.576

72, 69.365, 76.590

97, 6.161, 230.957

70, 74.582, 74.369

98, 7.473, 199.021

68, 77.133, 72.167

Harmonies

Complementary

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



84, 27.004, 84.350



75, 26.466, 273.616

Rectangle

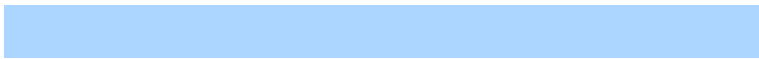
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 27.004, 84.350



84, 27.004, 134.350



84, 27.004, 264.350



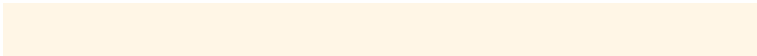
84, 27.004, 314.350

Sweetspot

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



84, 27.005, 84.356



97, 8.897, 87.221



73, 31.424, 354.955



51, 6.082, 87.043



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, 27.005, 84.356



89, 35.019, 83.464



90, 37.945, 112.955



48, 4.720, 87.293



54, 63.808, 72.725



15, 22.955, 75.329

Inverse Universe

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



75, 26.466, 273.616



78, 34.199, 274.996



69, 40.927, 298.487



46, 4.702, 269.823



32, 71.726, 294.686



7, 25.740, 287.307

Previews

White Background



This preview shows how the CIELCh color 84, 27.004, 84.350 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, 27.004, 84.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

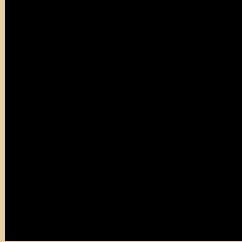
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.004, 84.350

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.004, 84.350.

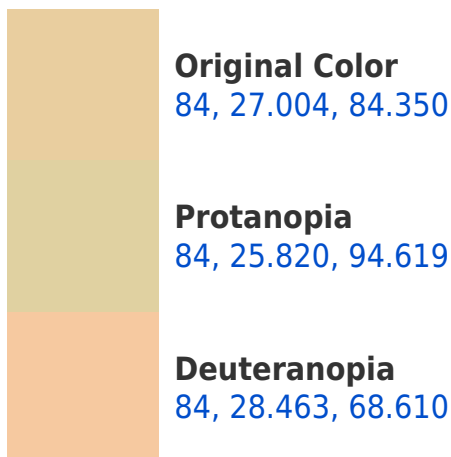


This preview shows how white text looks on a background with the CIELCh color 84, 27.004, 84.350.

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
84, 16.672, 352.576

Trichromacy



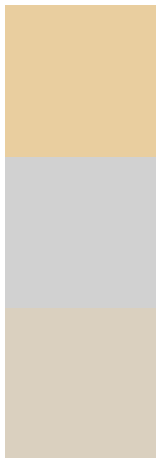
Original Color
84, 27.004, 84.350

Protanomaly
84, 26.278, 91.197

Deuteranomaly
84, 27.477, 74.342

Tritanomaly
84, 13.996, 37.686

Monochromacy



Original Color
84, 27.004, 84.350

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.684, 86.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.004, 84.350 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, 206, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 159)  
}
```

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, 206, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.004, 84.350 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, 206, 159) }
```

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

```
.border{ border-color:rgb(233, 206, 159) }
```

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

Here you see how a box with a 4 pixel rgb(233, 206, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 159);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.004, 84.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 159) }
```

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

```
.background{ background-color: rgb(233,  
206, 159) }
```

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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