

Converting Colors

CIELCh(84, 33.227, 85.408)

Have a look what the booklet for
CIELCh(84, 33.227, 85.408) contains.

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Color

CIELCh(84, 33.317, 85.874)

Conversions

Conversions Part 1

Format	Color
Hex	ECCE93
RGB	236, 206, 147
RGB Percent	93%, 81%, 58%
CMY	0.0746, 0.1922, 0.4236
CMYK	0.00, 0.13, 0.38, 0.07
HSL	40°, 70%, 75%
HSV	40°, 38%, 93%
XYZ	61.9142, 64.0658, 36.6970
YIQ	208.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

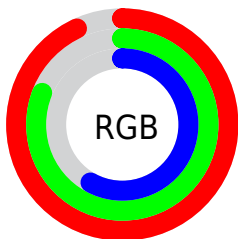
Format	Color
R _Y B	192, 236, 147
Decimal	15519379
CIE Lab	84.00, 2.40, 33.23
CIE LCh	84, 33.317, 85.874
Yxy	64.0658, 0.3806, 0.3938
Android (android.graphics.Color)	4293709459 (0xFFECCE93)
YUV	208.2440, -30.1933, 24.3420
Hunter-Lab	80.0411, -1.9968, 28.8457

Details

The CIELCh color **84, 33.317, 85.874** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 33.018, 277.114**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **64, 33.194, 85.744** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.453, 84.471**, and if you desaturate by 10%, it is **86, 24.253, 87.244**.

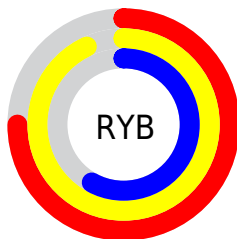
Distribution



Red (93%)

Green (81%)

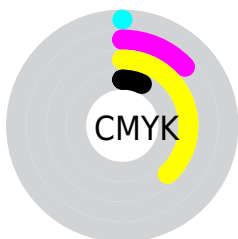
Blue (58%)



Red (75%)

Yellow (93%)

Blue (58%)

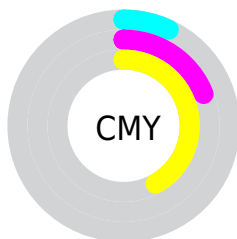


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 33.317, 85.874 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, 33.317, 85.874 by changing the saturation by 10% instead.

 84, 33.317, 85.874

 84, 33.317, 85.874

 100, 33.317,
85.874

 74, 33.317, 85.874

 64, 33.317, 85.874

 54, 33.317, 85.874

 44, 33.317, 85.874

 34, 33.317, 85.874

 24, 33.317, 85.874

 14, 33.317, 85.874

 4, 33.317, 85.874

 0, 33.317, 85.874

84, 33.317, 85.874

84, 33.317, 85.874

82, 42.453, 84.471

86, 24.253, 87.244

79, 51.498, 83.012

89, 15.337, 88.566

77, 60.149, 81.472

91, 6.601, 89.828

75, 67.864, 79.783

94, 1.947, 271.251

73, 73.817, 77.814

96, 5.753, 254.965

71, 77.201, 75.383

98, 6.100, 205.388

71, 77.803, 74.801

99, 6.523, 199.094

Harmonies

Complementary

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



84, 33.317, 85.874



72, 33.018, 277.114

Rectangle

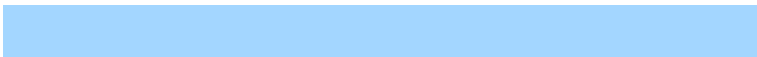
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 33.317, 85.874



84, 33.317, 135.874



84, 33.317, 265.874



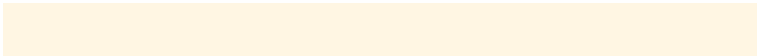
84, 33.317, 315.874

Sweetspot

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



84, 33.318, 85.879



97, 10.064, 89.417



71, 37.587, 356.960



51, 6.773, 89.246



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, 33.318, 85.879



88, 42.572, 84.831



91, 45.350, 113.235



48, 4.848, 89.614



55, 63.811, 75.342



16, 23.295, 78.134

Inverse Universe

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



72, 33.018, 277.114



73, 42.217, 278.861



65, 49.724, 299.761



46, 4.845, 272.109



31, 75.081, 296.340



6, 26.728, 288.799

Previews

White Background



This preview shows how the CIELCh color 84, 33.317, 85.874 looks on a white background.

Color Contrast Check

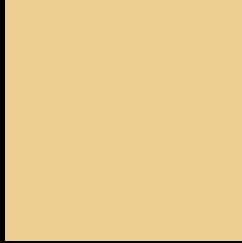
Large Text (above 18pt) WCAG AA × Fail

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, 33.317, 85.874 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, 33.317, 85.874

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.317, 85.874.



This preview shows how white text looks on a background with the CIELCh color 84, 33.317, 85.874.

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, 33.317, 85.874

Protanopia

84, 32.568, 95.167

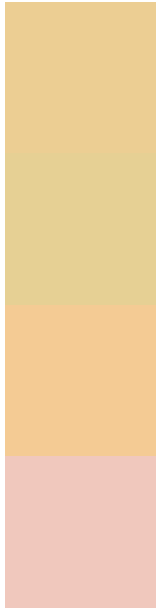
Deuteranopia

84, 34.454, 72.800



Tritanopia
84, 18.905, 354.608

Trichromacy



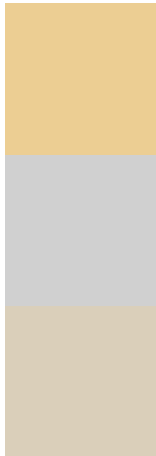
Original Color
84, 33.317, 85.874

Protanomaly
84, 32.623, 91.516

Deuteranomaly
84, 33.627, 77.648

Tritanomaly
84, 16.493, 40.831

Monochromacy



Original Color
84, 33.317, 85.874

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.800, 88.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.317, 85.874 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, 206, 147)` looks like.

```
.text, #text, p{  
    color:rgb(236, 206, 147)  
}
```

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, 206, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 206, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.317, 85.874 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, 206, 147) }
```

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

```
.border{ border-color:rgb(236, 206, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 206, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 206, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 206, 147); box-shadow:4px 4px 4px 4px rgb(236, 206, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.317, 85.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 206, 147) }
```

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

```
.background{ background-color: rgb(236,  
206, 147) }
```

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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