

Converting Colors

CIELCh(84, 32.138, 86.099)

Have a look what the booklet for
CIELCh(84, 32.138, 86.099) contains.

CIELCh(84, 32.185, 86.019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 32.185, 86.019)

Conversions

Conversions Part 1

Format	Color
Hex	EBCE95
RGB	235, 206, 149
RGB Percent	92%, 81%, 58%
CMY	0.0779, 0.1916, 0.4152
CMYK	0.00, 0.12, 0.37, 0.08
HSL	40°, 68%, 75%
HSV	40°, 37%, 92%
XYZ	61.8445, 64.0658, 37.5927
YIQ	208.1730, 35.5810, -11.5790

Conversions

Conversions Part 2

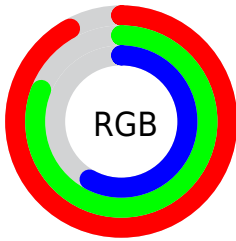
Format	Color
RYB	193, 235, 149
Decimal	15453845
CIELab	84.00, 2.23, 32.11
CIELCh	84, 32.185, 86.019
Yxy	64.0658, 0.3782, 0.3918
Android (android.graphics.Color)	4293643925 (0xFFEBCE95)
YUV	208.1730, -29.1723, 23.5273
Hunter-Lab	80.0411, -2.1522, 28.1822

Details

The CIELCh color **84, 32.185, 86.019** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 31.896, 276.852**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **64, 32.010, 85.969** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.292, 84.622**, and if you desaturate by 10%, it is **86, 23.162, 87.385**.

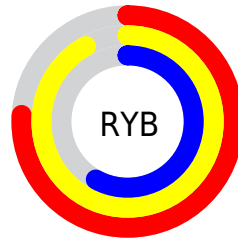
Distribution



Red (92%)

Green (81%)

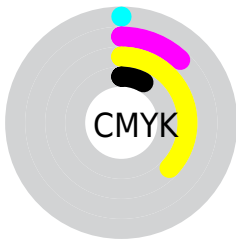
Blue (58%)



Red (76%)

Yellow (92%)

Blue (58%)

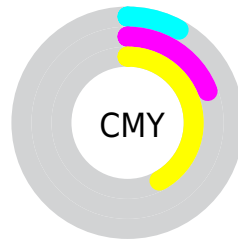


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 32.185, 86.019 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, 32.185, 86.019 by changing the saturation by 10% instead.

 84, 32.185, 86.019

 84, 32.185, 86.019

 100, 32.185,
86.019

 74, 32.185, 86.019

 64, 32.185, 86.019

 54, 32.185, 86.019

 44, 32.185, 86.019

 34, 32.185, 86.019

 24, 32.185, 86.019

 14, 32.185, 86.019

 4, 32.185, 86.019

 0, 32.185, 86.019

84, 32.185, 86.019

84, 32.185, 86.019

82, 41.292, 84.622

86, 23.162, 87.385

79, 50.334, 83.169

89, 14.292, 88.701

77, 59.027, 81.641

91, 5.603, 89.951

75, 66.864, 79.975

94, 2.897, 271.329

73, 73.053, 78.047

96, 5.911, 252.503

71, 76.705, 75.667

98, 6.383, 205.051

70, 77.594, 74.793

99, 6.804, 199.072

Harmonies

Complementary

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



84, 32.185, 86.019



72, 31.896, 276.852

Rectangle

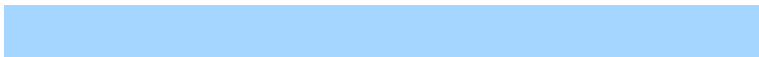
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 32.185, 86.019



84, 32.185, 136.019



84, 32.185, 266.019



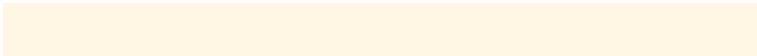
84, 32.185, 316.019

Sweetspot

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



84, 32.186, 86.024



97, 10.062, 89.405



71, 36.327, 356.785



51, 6.772, 89.233



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, 32.186, 86.024



88, 41.594, 84.960



90, 43.908, 113.318



48, 4.848, 89.602



55, 63.811, 75.327



16, 23.293, 78.118

Inverse Universe

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



72, 31.896, 276.852



74, 41.234, 278.603



66, 47.981, 299.618



46, 4.844, 272.096



31, 75.062, 296.331



6, 26.723, 288.791

Previews

White Background



This preview shows how the CIELCh color 84, 32.185, 86.019 looks on a white background.

Color Contrast Check

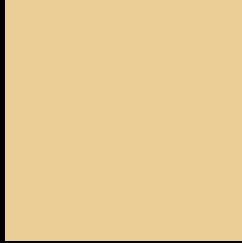
Large Text (above 18pt) WCAG AA × Fail

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, 32.185, 86.019 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, 32.185, 86.019

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.185, 86.019.



This preview shows how white text looks on a background with the CIELCh color 84, 32.185, 86.019.

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, 32.185, 86.019

Protanopia

84, 31.060, 94.753

Deuteranopia

84, 33.572, 71.946



Tritanopia
84, 18.013, 354.984

Trichromacy



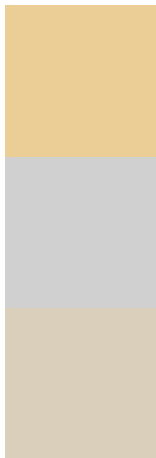
Original Color
84, 32.185, 86.019

Protanomaly
84, 31.510, 91.848

Deuteranomaly
84, 32.708, 76.898

Tritanomaly
84, 16.105, 41.299

Monochromacy



Original Color
84, 32.185, 86.019

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 11.307, 87.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.185, 86.019 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(235, 206, 149)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 149)  
}
```

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(235, 206, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.185, 86.019 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(235, 206, 149) }
```

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

```
.border{ border-color:rgb(235, 206, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 149);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.185, 86.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 149) }
```

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

```
.background{ background-color: rgb(235,  
206, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor