

Converting Colors

CIELCh(83, 34.294, 81.019)

Have a look what the booklet for
CIELCh(83, 34.294, 81.019) contains.

CIELCh(83, 34.259, 81.041)	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(83, 34.259, 81.041)

Conversions

Conversions Part 1

Format	Color
Hex	EEC98F
RGB	238, 201, 143
RGB Percent	93%, 79%, 56%
CMY	0.0653, 0.2104, 0.4379
CMYK	0.00, 0.16, 0.40, 0.07
HSL	37°, 74%, 75%
HSV	37°, 40%, 93%
XYZ	61.3279, 62.1629, 34.8812
YIQ	205.4510, 40.6700, -10.1940

Conversions

Conversions Part 2

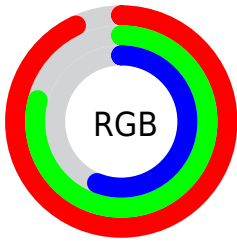
Format	Color
R_{YB}	204, 238, 143
Decimal	15649167
CIE _{Lab}	83.00, 5.34, 33.84
CIE _{LCh}	83, 34.259, 81.041
Yxy	62.1629, 0.3872, 0.3925
Android (android.graphics.Color)	4293839247 (0xFFEEC98F)
YUV	205.4510, -30.7883, 28.5455
Hunter-Lab	78.8435, 0.8690, 28.9599

Details

The CIELCh color **83, 34.259, 81.041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 32.944, 273.306**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **63, 34.053, 81.169** is the 20% darker color. If you saturate the color by 10%, you get **80, 43.343, 79.616**, and if you desaturate by 10%, it is **86, 25.323, 82.434**.

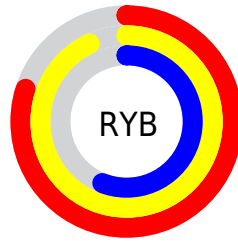
Distribution



Red (93%)

Green (79%)

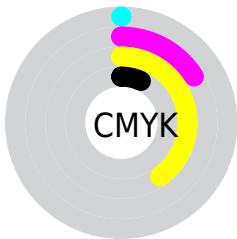
Blue (56%)



Red (80%)

Yellow (93%)

Blue (56%)

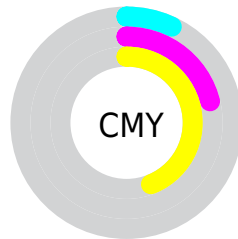


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 34.259, 81.041 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 83, 34.259, 81.041 by changing the saturation by 10% instead.

 83, 34.259, 81.041

 83, 34.259, 81.041

 100, 34.259,
81.041

 73, 34.259, 81.041

 63, 34.259, 81.041

 53, 34.259, 81.041

 43, 34.259, 81.041

 33, 34.259, 81.041

 23, 34.259, 81.041

 13, 34.259, 81.041

 3, 34.259, 81.041

 0, 34.259, 81.041

83, 34.259, 81.041

83, 34.259, 81.041

80, 43.343, 79.616

86, 25.323, 82.434

78, 52.414, 78.126

89, 16.603, 83.782

75, 61.155, 76.534

91, 8.124, 85.076

73, 68.983, 74.739

94, 0.115, 269.177

71, 74.994, 72.555

97, 4.871, 248.931

69, 78.590, 69.821

99, 5.719, 199.159

68, 78.634, 69.786

Harmonies

Complementary

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



83, 34.259, 81.041



73, 32.944, 273.306

Rectangle

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



83, 34.259, 81.041



83, 34.259, 131.041



83, 34.259, 261.041



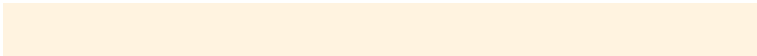
83, 34.259, 311.041

Sweetspot

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



83, 34.260, 81.046



96, 10.467, 84.801



70, 40.942, 353.919



51, 6.957, 84.633



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 34.260, 81.046



86, 43.989, 79.862



92, 48.019, 110.856



49, 4.695, 85.125



54, 64.606, 70.385



15, 23.930, 72.828

Inverse Universe

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



73, 32.944, 273.306



73, 42.033, 275.391



64, 53.152, 298.525



47, 4.663, 267.683



34, 69.534, 293.124



8, 25.902, 286.446

Previews

White Background



This preview shows how the CIELCh color 83, 34.259, 81.041 looks on a white background.

Color Contrast Check

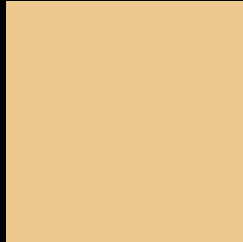
Large Text (above 18pt) WCAG AA × Fail

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 83, 34.259, 81.041 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 83, 34.259, 81.041

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.259, 81.041.

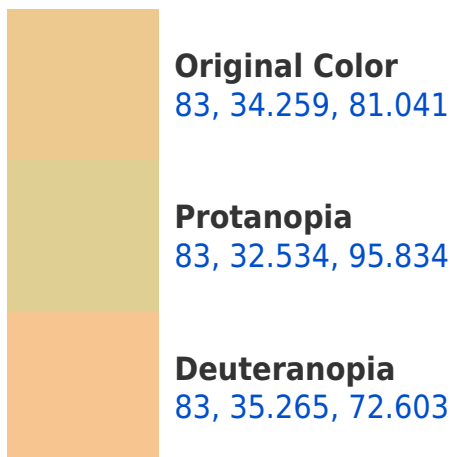


This preview shows how white text looks on a background with the CIELCh color 83, 34.259, 81.041.

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
83, 20.844, 358.964

Trichromacy



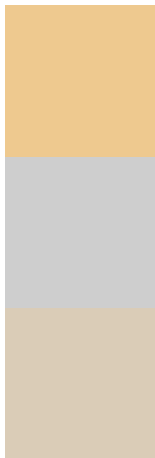
Original Color
83, 34.259, 81.041

Protanomaly
83, 32.960, 90.087

Deuteranomaly
83, 34.687, 75.228

Tritanomaly
83, 19.412, 39.524

Monochromacy



Original Color
83, 34.259, 81.041

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.294, 83.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 34.259, 81.041 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(238, 201, 143)` looks like.

```
.text, #text, p{  
    color:rgb(238, 201, 143)  
}
```

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(238, 201, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 201, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.259, 81.041 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(238, 201, 143) }
```

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

```
.border{ border-color:rgb(238, 201, 143) }
```

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

Here you see how a box with a 4 pixel rgb(238, 201, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 201, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 201, 143);  
box-shadow:4px 4px 4px 4px rgb(238, 201,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.259, 81.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 201, 143) }
```

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

```
.background{ background-color: rgb(238,  
201, 143) }
```

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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