

Converting Colors

CIELCh(84, 34.963, 96.427)

Have a look what the booklet for
CIELCh(84, 34.963, 96.427) contains.

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Color

CIELCh(84, 34.963, 96.427)

Conversions

Conversions Part 1

Format	Color
Hex	E2D290
RGB	226, 210, 144
RGB Percent	89%, 82%, 56%
CMY	0.1150, 0.1776, 0.4364
CMYK	0.00, 0.07, 0.36, 0.11
HSL	48°, 58%, 72%
HSV	48°, 36%, 89%
XYZ	59.2489, 64.0658, 35.5135
YIQ	207.2600, 30.7220, -17.1340

Conversions

Conversions Part 2

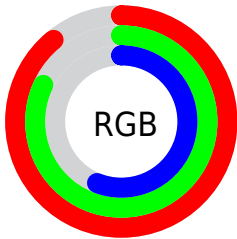
Format	Color
RYB	164, 226, 144
Decimal	14865040
CIELab	84.00, -3.91, 34.74
CIElCh	84, 34.963, 96.427
Yxy	64.0658, 0.3730, 0.4034
Android (android.graphics.Color)	4293055120 (0xFFE2D290)
YUV	207.2600, -31.1872, 16.4350
Hunter-Lab	80.0411, -7.9406, 29.7224

Details

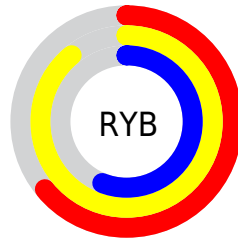
The CIELCh color **84, 34.963, 96.427** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 36.630, 286.126**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **64, 34.873, 96.987** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.460, 95.201**, and if you desaturate by 10%, it is **86, 25.326, 97.642**.

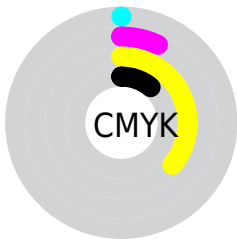
Distribution



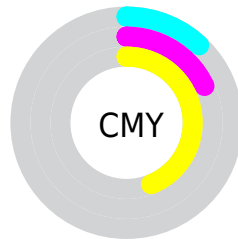
- Red (89%)
- Green (82%)
- Blue (56%)



- Red (64%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (11%)



- Cyan (12%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 34.963, 96.427 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, 34.963, 96.427 by changing the saturation by 10% instead.

 84, 34.963, 96.427

 84, 34.963, 96.427

 100, 34.963,
96.427

 74, 34.963, 96.427

 64, 34.963, 96.427

 54, 34.963, 96.427

 44, 34.963, 96.427

 34, 34.963, 96.427

 24, 34.963, 96.427

 14, 34.963, 96.427

 4, 34.963, 96.427

 0, 34.963, 96.427

84, 34.963, 96.427

84, 34.963, 96.427

83, 44.460, 95.201

86, 25.326, 97.642

81, 53.610, 93.959

87, 15.663, 98.826

80, 62.076, 92.705

89, 6.037, 99.964

79, 69.324, 91.428

90, 3.515, 281.157

77, 74.645, 90.095

92, 12.183,
281.513

76, 77.396, 88.643

93, 10.295,
270.902

76, 78.005, 88.088

94, 8.897, 256.393

95, 8.232, 238.235

97, 8.463, 219.198

Harmonies

Complementary

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



84, 34.963, 96.427



67, 36.630, 286.126

Rectangle

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



84, 34.963, 96.427



84, 34.963, 146.427



84, 34.963, 276.427



84, 34.963, 326.427

Sweetspot

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



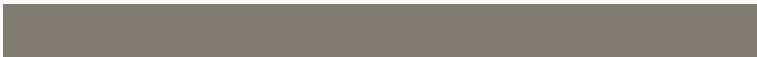
84, 34.964, 96.431



98, 11.631, 99.431



68, 33.416, 7.597



52, 7.820, 99.275



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, 34.964, 96.431



92, 46.674, 95.451



86, 43.085, 119.691



46, 5.408, 99.616



60, 64.859, 88.366



16, 23.225, 91.212

Inverse Universe

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



67, 36.630, 286.126



69, 49.647, 287.783



65, 46.460, 304.381



44, 5.473, 281.848



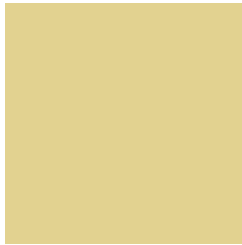
25, 88.811, 302.510



4, 27.405, 291.397

Previews

White Background



This preview shows how the CIELCh color 84, 34.963, 96.427 looks on a white background.

Color Contrast Check

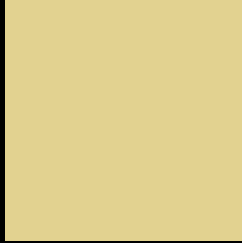
Large Text (above 18pt) WCAG AA × Fail

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, 34.963, 96.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

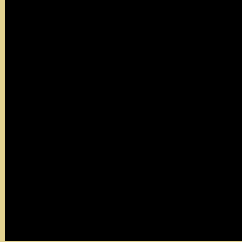
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 34.963, 96.427

Background



This preview shows how black text looks on a background with the CIELCh color 84, 34.963, 96.427.



This preview shows how white text looks on a background with the CIELCh color 84, 34.963, 96.427.

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, 34.963, 96.427

Protanopia

84, 34.665, 94.981

Deuteranopia

84, 35.592, 73.066



Tritanopia
84, 14.418, 347.409

Trichromacy



Original Color
84, 34.963, 96.427

Protanomaly
84, 34.665, 94.981

Deuteranomaly
84, 34.630, 81.412

Tritanomaly
84, 12.695, 55.231

Monochromacy



Original Color
84, 34.963, 96.427

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.807, 98.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 34.963, 96.427 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(226, 210, 144)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 144)  
}
```

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(226, 210, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 34.963, 96.427 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(226, 210, 144) }
```

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

```
.border{ border-color:rgb(226, 210, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 210, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 144);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 34.963, 96.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 144) }
```

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

```
.background{ background-color: rgb(226,  
210, 144) }
```

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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