

Converting Colors

CIELCh(80, 35.269, 84.622)

Have a look what the booklet for
CIELCh(80, 35.269, 84.622) contains.

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Color

CIELCh(80, 35.185, 84.199)

Conversions

Conversions Part 1

Format	Color
Hex	E3C285
RGB	227, 194, 133
RGB Percent	89%, 76%, 52%
CMY	0.1093, 0.2387, 0.4780
CMYK	0.00, 0.15, 0.41, 0.11
HSL	39°, 63%, 71%
HSV	39°, 41%, 89%
XYZ	55.2749, 56.6813, 30.2570
YIQ	196.9130, 39.2490, -11.9750

Conversions

Conversions Part 2

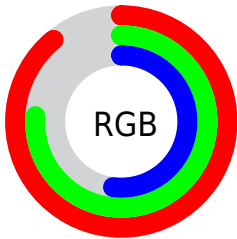
Format	Color
RYB	184, 227, 133
Decimal	14926469
CIELab	80.00, 3.56, 35.00
CIELCh	80, 35.185, 84.199
Yxy	56.6813, 0.3887, 0.3986
Android (android.graphics.Color)	4293116549 (0xFFE3C285)
YUV	196.9130, -31.5091, 26.3863
Hunter-Lab	75.2870, -0.6995, 28.8729

Details

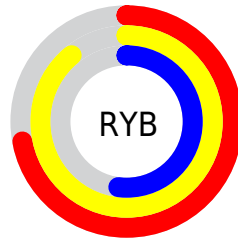
The CIELCh color **80, 35.185, 84.199** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68, 34.594, 276.834**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 31.880, 104.265**, and **60, 35.504, 84.668** is the 20% darker color. If you saturate the color by 10%, you get **78, 44.000, 82.775**, and if you desaturate by 10%, it is **82, 26.422, 85.588**.

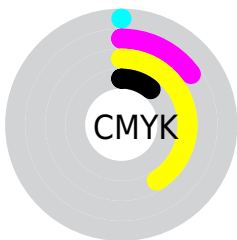
Distribution



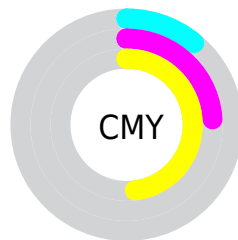
- Red (89%)
- Green (76%)
- Blue (52%)



- Red (72%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 35.185, 84.199 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 80, 35.185, 84.199 by changing the saturation by 10% instead.

 80, 35.185, 84.199

 80, 35.185, 84.199

 100, 35.185,
84.199

 70, 35.185, 84.199

 60, 35.185, 84.199

 50, 35.185, 84.199

 40, 35.185, 84.199

 30, 35.185, 84.199

 20, 35.185, 84.199

 10, 35.185, 84.199

 0, 35.185, 84.199

 80, 35.185, 84.199

 80, 35.185, 84.199

78, 44.000, 82.775

82, 26.422, 85.588

75, 52.678, 81.286

85, 17.802, 86.930

73, 60.861, 79.693

87, 9.365, 88.222

71, 67.936, 77.904

90, 1.122, 89.264

69, 73.026, 75.750

93, 6.929, 270.766

68, 75.584, 73.533

95, 8.296, 253.327

97, 8.116, 217.711

98, 9.474, 198.877

Harmonies

Complementary

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



80, 35.185, 84.199



68, 34.594, 276.834

Rectangle

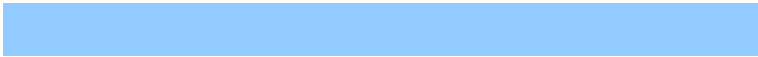
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 35.185, 84.199



80, 35.185, 134.199



80, 35.185, 264.199



80, 35.185, 314.199

Sweetspot

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



80, 35.186, 84.204



97, 10.845, 88.135



66, 40.301, 356.385



51, 7.206, 87.969



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 35.186, 84.204



87, 46.996, 82.931



88, 47.982, 112.240



47, 4.697, 88.463



54, 63.122, 74.055



14, 21.862, 76.735

Inverse Universe

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



68, 34.594, 276.834



70, 46.213, 279.078



60, 53.249, 299.722



45, 4.687, 270.970



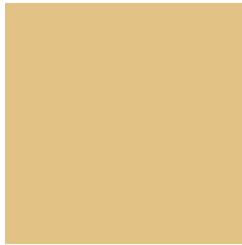
31, 72.545, 295.487



6, 24.917, 286.908

Previews

White Background



This preview shows how the CIELCh color 80, 35.185, 84.199 looks on a white background.

Color Contrast Check

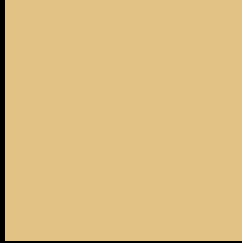
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 35.185, 84.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

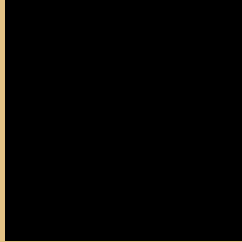
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 35.185, 84.199

Background



This preview shows how black text looks on a background with the CIELCh color 80, 35.185, 84.199.



This preview shows how white text looks on a background with the CIELCh color 80, 35.185, 84.199.

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

80, 35.185, 84.199

Protanopia

80, 33.889, 95.204

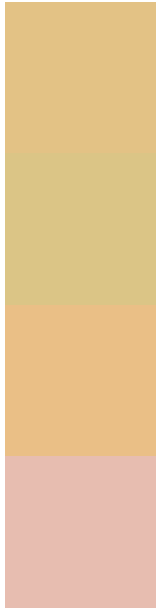
Deuteranopia

80, 36.223, 73.742



Tritanopia
80, 19.407, 358.644

Trichromacy



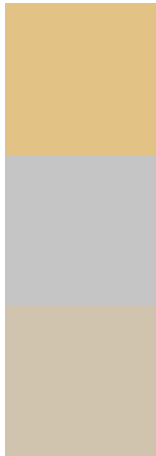
Original Color
80, 35.185, 84.199

Protanomaly
80, 34.445, 91.802

Deuteranomaly
80, 35.436, 76.913

Tritanomaly
80, 17.917, 43.025

Monochromacy



Original Color
80, 35.185, 84.199

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.565, 87.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 35.185, 84.199 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(227, 194, 133)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 133)  
}
```

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(227, 194, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 35.185, 84.199 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(227, 194, 133) }
```

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

```
.border{ border-color:rgb(227, 194, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 133);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 35.185, 84.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 133) }
```

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

```
.background{ background-color: rgb(227,  
194, 133) }
```

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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