

Converting Colors

CIELCh(85, 33.125, 93.978)

Have a look what the booklet for
CIELCh(85, 33.125, 93.978) contains.

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Color

CIELCh(85, 33.177, 93.974)

Conversions

Conversions Part 1

Format	Color
Hex	E7D496
RGB	231, 212, 150
RGB Percent	91%, 83%, 59%
CMY	0.0957, 0.1701, 0.4132
CMYK	0.00, 0.08, 0.35, 0.10
HSL	46°, 62%, 75%
HSV	46°, 35%, 90%
XYZ	61.7489, 66.0070, 38.1859
YIQ	210.6130, 31.2260, -15.2540

Conversions

Conversions Part 2

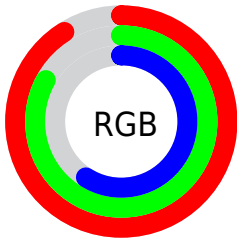
Format	Color
RYB	175, 231, 150
Decimal	15193238
CIELab	85.00, -2.30, 33.10
CIELCh	85, 33.177, 93.974
Yxy	66.0070, 0.3721, 0.3978
Android (android.graphics.Color)	4293383318 (0xFFE7D496)
YUV	210.6130, -29.8822, 17.8794
Hunter-Lab	81.2447, -6.5119, 29.0043

Details

The CIELCh color **85, 33.177, 93.974** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 34.255, 283.604**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **65, 33.523, 94.604** is the 20% darker color. If you saturate the color by 10%, you get **83, 42.630, 92.692**, and if you desaturate by 10%, it is **87, 23.658, 95.237**.

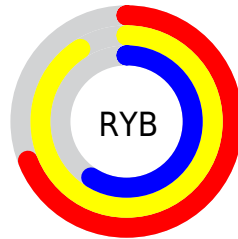
Distribution



Red (91%)

Green (83%)

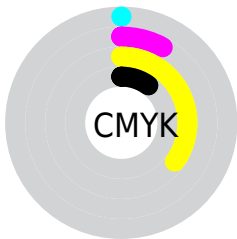
Blue (59%)



Red (69%)

Yellow (91%)

Blue (59%)

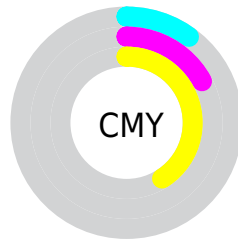


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 33.177, 93.974 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 85, 33.177, 93.974 by changing the saturation by 10% instead.

■ 85, 33.177, 93.974

■ 85, 33.177, 93.974

■ 100, 33.177,
93.974

■ 75, 33.177, 93.974

■ 65, 33.177, 93.974

■ 55, 33.177, 93.974

■ 45, 33.177, 93.974

■ 35, 33.177, 93.974

■ 25, 33.177, 93.974

■ 15, 33.177, 93.974

■ 5, 33.177, 93.974

■ 0, 33.177, 93.974

85, 33.177, 93.974

85, 33.177, 93.974

83, 42.630, 92.692

87, 23.658, 95.237

82, 51.837, 91.378

89, 14.168, 96.460

80, 60.489, 90.033

91, 4.759, 97.623

78, 68.079, 88.633

92, 4.546, 278.855

77, 73.883, 87.127

94, 8.801, 272.693

76, 77.143, 85.424

96, 7.176, 250.902

75, 78.010, 84.525

97, 6.972, 223.144

98, 8.275, 199.431

98, 8.321, 198.959

Harmonies

Complementary

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



85, 33.177, 93.974



70, 34.255, 283.604

Rectangle

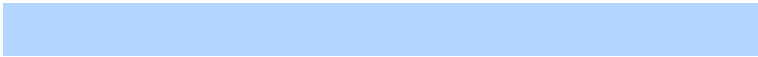
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 33.177, 93.974



85, 33.177, 143.974



85, 33.177, 273.974



85, 33.177, 323.974

Sweetspot

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



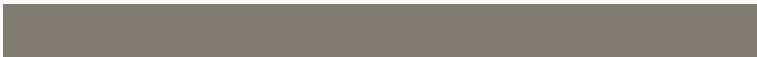
85, 33.178, 93.979



98, 11.164, 96.942



71, 33.150, 3.678



52, 7.507, 96.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 33.178, 93.979



92, 43.080, 93.065



88, 42.071, 117.694



47, 5.286, 97.130



59, 64.497, 84.878



16, 23.732, 87.757

Inverse Universe

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



70, 34.255, 283.604



72, 44.925, 285.090



67, 45.446, 302.654



45, 5.334, 279.443



26, 85.865, 301.148



5, 28.232, 291.483

Previews

White Background



This preview shows how the CIELCh color 85, 33.177, 93.974 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 85, 33.177, 93.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

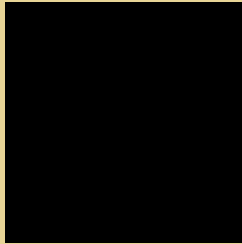
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 33.177, 93.974

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.177, 93.974.



This preview shows how white text looks on a background with the CIELCh color 85, 33.177, 93.974.

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


85, 33.177, 93.974

Protanopia

85, 32.987, 95.348

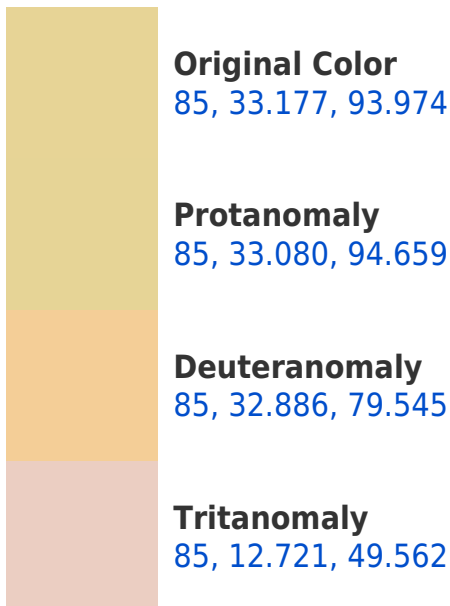
Deuteranopia

85, 34.195, 71.870



Tritanopia
85, 15.280, 347.319

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.177, 93.974 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(231, 212, 150)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 150)  
}
```

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(231, 212, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.177, 93.974 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(231, 212, 150) }
```

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

```
.border{ border-color:rgb(231, 212, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 150);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.177, 93.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 150) }
```

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

```
.background{ background-color: rgb(231,  
212, 150) }
```

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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