

Converting Colors

CIELCh(85, 28.552, 87.261)

Have a look what the booklet for
CIELCh(85, 28.552, 87.261) contains.

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Color

CIELCh(85, 28.526, 87.279)

Conversions

Conversions Part 1

Format	Color
Hex	EBD29F
RGB	235, 210, 159
RGB Percent	92%, 82%, 62%
CMY	0.0799, 0.1778, 0.3778
CMYK	0.00, 0.11, 0.32, 0.08
HSL	40°, 65%, 77%
HSV	40°, 32%, 92%
XYZ	63.3250, 66.0070, 42.0483
YIQ	211.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

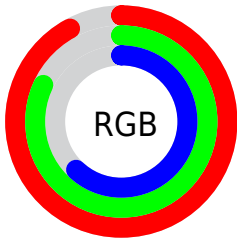
Format	Color
RYB	196, 235, 159
Decimal	15454879
CIELab	85.00, 1.35, 28.49
CIELCh	85, 28.526, 87.279
Yxy	66.0070, 0.3695, 0.3851
Android (android.graphics.Color)	4293644959 (0xFFEBD29F)
YUV	211.6610, -25.9619, 20.4683
Hunter-Lab	81.2447, -3.0491, 26.1857

Details

The CIELCh color **85, 28.526, 87.279** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 28.382, 276.615**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **65, 28.662, 87.874** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.632, 85.906**, and if you desaturate by 10%, it is **87, 19.528, 88.622**.

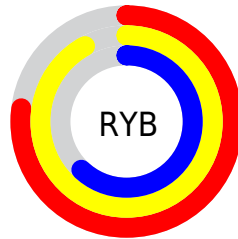
Distribution



Red (92%)

Green (82%)

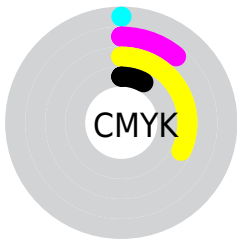
Blue (62%)



Red (77%)

Yellow (92%)

Blue (62%)

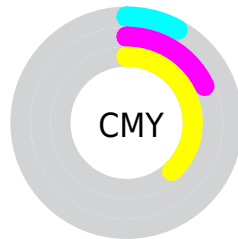


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 28.526, 87.279 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, 28.526, 87.279 by changing the saturation by 10% instead.

 85, 28.526, 87.279

 85, 28.526, 87.279

 100, 28.526,
87.279

 75, 28.526, 87.279

 65, 28.526, 87.279

 55, 28.526, 87.279

 45, 28.526, 87.279

 35, 28.526, 87.279

 25, 28.526, 87.279

 15, 28.526, 87.279

 5, 28.526, 87.279

 0, 28.526, 87.279

85, 28.526, 87.279

85, 28.526, 87.279

83, 37.632, 85.906

87, 19.528, 88.622

80, 46.731, 84.482

90, 10.687, 89.912

78, 55.600, 82.998

92, 2.024, 91.060

76, 63.836, 81.411

95, 6.459, 272.442

74, 70.763, 79.632

97, 5.749, 236.416

72, 75.482, 77.502

99, 6.976, 199.059

71, 77.495, 75.597

Harmonies

Complementary

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



85, 28.526, 87.279



74, 28.382, 276.615

Rectangle

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



85, 28.526, 87.279



85, 28.526, 137.279



85, 28.526, 267.279



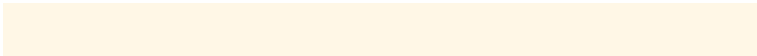
85, 28.526, 317.279

Sweetspot

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



85, 28.527, 87.285



97, 9.212, 90.203



73, 31.776, 357.311



52, 6.295, 90.027



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, 28.527, 87.285



90, 36.968, 86.352



90, 39.008, 114.343



48, 4.888, 90.274



56, 63.842, 76.114



16, 23.406, 78.943

Inverse Universe

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



74, 28.382, 276.615



76, 36.790, 278.061



69, 42.080, 299.655



46, 4.889, 272.757



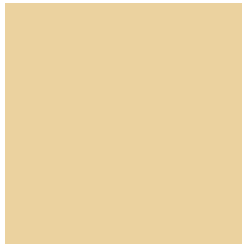
31, 76.064, 296.797



6, 27.009, 289.193

Previews

White Background



This preview shows how the CIELCh color 85, 28.526, 87.279 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 85, 28.526, 87.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

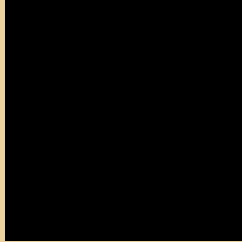
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 28.526, 87.279

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.526, 87.279.



This preview shows how white text looks on a background with the CIELCh color 85, 28.526, 87.279.

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
85, 16.542, 350.288

Trichromacy



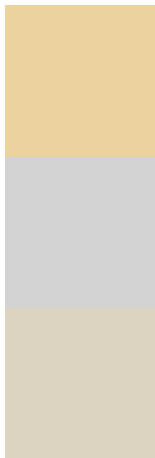
Original Color
85, 28.526, 87.279

Protanomaly
85, 27.705, 91.970

Deuteranomaly
85, 28.741, 75.888

Tritanomaly
85, 13.776, 40.169

Monochromacy



Original Color
85, 28.526, 87.279

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.507, 90.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.526, 87.279 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, 210, 159)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 159)  
}
```

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, 210, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.526, 87.279 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, 210, 159) }
```

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

```
.border{ border-color:rgb(235, 210, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 159);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.526, 87.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 159) }
```

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

```
.background{ background-color: rgb(235,  
210, 159) }
```

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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