

Converting Colors

CIELCh(85, 28.134, 115.335)

Have a look what the booklet for
CIELCh(85, 28.134, 115.335)
contains.

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Color

CIELCh(85, 28.311, 115.679)

Conversions

Conversions Part 1

Format	Color
Hex	D0DAA4
RGB	208, 218, 164
RGB Percent	82%, 85%, 64%
CMY	0.1856, 0.1463, 0.3581
CMYK	0.05, 0.00, 0.25, 0.15
HSL	71°, 42%, 75%
HSV	71°, 25%, 85%
XYZ	57.5819, 66.0070, 44.6816
YIQ	208.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

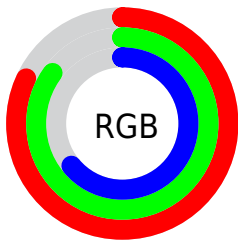
Format	Color
RYB	164, 218, 174
Decimal	13687460
CIELab	85.00, -12.27, 25.51
CIELCh	85, 28.311, 115.679
Yxy	66.0070, 0.3422, 0.3923
Android (android.graphics.Color)	4291877540 (0xFFD0DAA4)
YUV	208.8540, -22.1130, -0.7490
Hunter-Lab	81.2447, -15.6669, 24.2640

Details

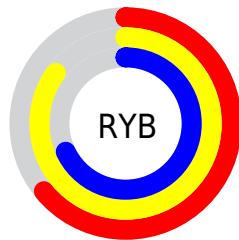
The CIELCh color **85, 28.311, 115.679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 29.910, 299.471**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **65, 28.161, 115.725** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.459, 114.983**, and if you desaturate by 10%, it is **86, 16.960, 116.393**.

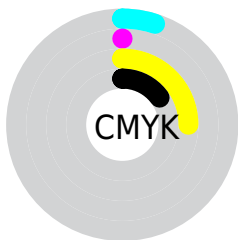
Distribution



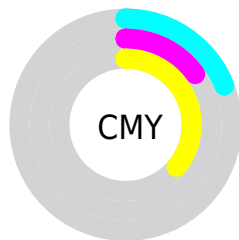
- Red (82%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.311, 115.679 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, 28.311, 115.679 by changing the saturation by 10% instead.


 85, 28.311,
115.679

 85, 28.311,
115.679


 100, 28.311,
115.679


 75, 28.311,
115.679

 65, 28.311,
115.679

 55, 28.311,
115.679

 45, 28.311,
115.679

 35, 28.311,
115.679

 25, 28.311,
115.679

 15, 28.311,

115.679

■ 5, 28.311, 115.679

■ 0, 28.311, 115.679

■ 85, 28.311,
115.679

■ 85, 28.311,
115.679

■ 84, 39.459,
114.983

■ 86, 16.960,
116.393

■ 84, 50.242,
114.323

■ 87, 5.505, 117.097

■ 83, 60.425,
113.744

■ 87, 5.983, 297.777

■ 83, 69.657,
113.306

■ 88, 17.455,
298.431

■ 82, 77.465,

■ 89, 19.851,
301.714

113.086

89, 20.141,
305.578

82, 83.315,
113.176

89, 20.518,
309.346

82, 86.834,
113.649

90, 20.980,
312.993

81, 87.995,
114.004

90, 21.521,
316.497

Harmonies

Complementary

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



85, 28.311, 115.679



70, 29.910, 299.471

Rectangle

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



85, 28.311, 115.679



85, 28.311, 165.679



85, 28.311, 295.679



85, 28.311, 345.679

Sweetspot

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



85, 28.313, 115.682



99, 9.128, 116.939



75, 18.386, 37.468



53, 5.931, 116.896



0, 0.000, 0.000



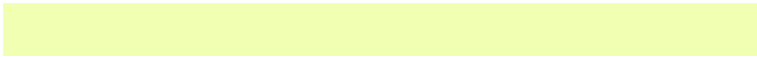
53, 0.007, 296.813

Same Dimension

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



85, 28.313, 115.682



97, 38.811, 115.297



83, 31.565, 134.060



46, 6.550, 116.772



66, 74.215, 113.845



17, 26.917, 114.391

Inverse Universe

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



70, 29.910, 299.471



76, 41.573, 300.026



72, 32.197, 316.261



42, 6.688, 298.118



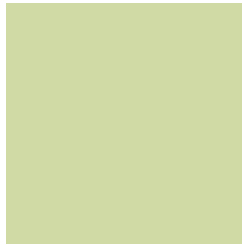
21, 98.840, 307.168



2, 29.891, 299.448

Previews

White Background



This preview shows how the CIELCh color 85, 28.311, 115.679 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, 28.311, 115.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

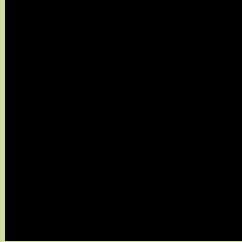
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

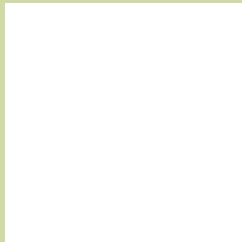
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 28.311, 115.679

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.311, 115.679.

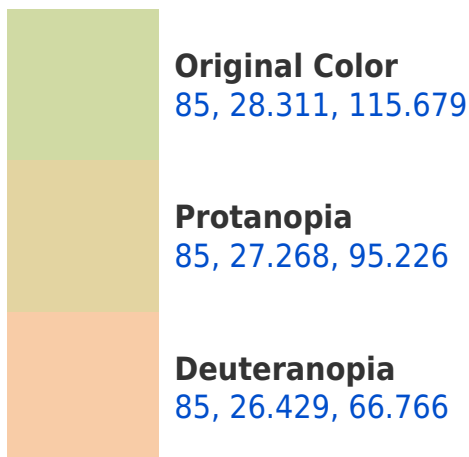


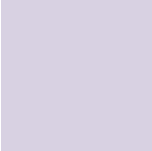
This preview shows how white text looks on a background with the CIELCh color 85, 28.311, 115.679.

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, 9.328, 306.289

Trichromacy



Original Color
85, 28.311, 115.679

Protanomaly
85, 27.167, 102.827

Deuteranomaly
85, 24.494, 85.332

Tritanomaly
85, 4.725, 105.297

Monochromacy



Original Color
85, 28.311, 115.679

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 10.034, 115.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.311, 115.679 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(208, 218, 164)` looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 164)  
}
```

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(208, 218, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.311, 115.679 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(208, 218, 164) }
```

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

```
.border{ border-color:rgb(208, 218, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 218, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 164);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.311, 115.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 164) }
```

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

```
.background{ background-color: rgb(208,  
218, 164) }
```

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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