

Converting Colors

CIELCh(85, 28.132, 128.604)

Have a look what the booklet for
CIELCh(85, 28.132, 128.604)
contains.

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Color

CIELCh(85, 28.355, 128.357)

Conversions

Conversions Part 1

Format	Color
Hex	C3DDAA
RGB	195, 221, 170
RGB Percent	76%, 87%, 67%
CMY	0.2365, 0.1345, 0.3345
CMYK	0.12, 0.00, 0.23, 0.13
HSL	91°, 43%, 77%
HSV	91°, 23%, 87%
XYZ	55.4337, 66.0070, 47.7057
YIQ	207.4120, 0.8750, -21.3730

Conversions

Conversions Part 2

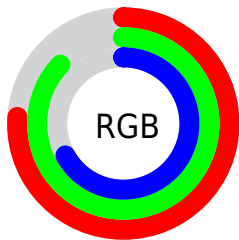
Format	Color
RYB	170, 221, 196
Decimal	12836266
CIELab	85.00, -17.60, 22.23
CIELCh	85, 28.355, 128.357
Yxy	66.0070, 0.3277, 0.3902
Android (android.graphics.Color)	4291026346 (0xFFC3DDAA)
YUV	207.4120, -18.4441, -10.8853
Hunter-Lab	81.2447, -20.3866, 22.0571

Details

The CIELCh color **85, 28.355, 128.357** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 29.252, 310.498**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.229, 113.144**, and **65, 28.195, 128.488** is the 20% darker color. If you saturate the color by 10%, you get **84, 40.506, 127.870**, and if you desaturate by 10%, it is **86, 16.083, 128.838**.

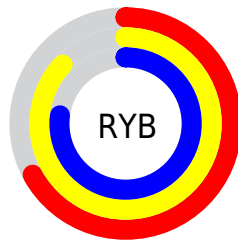
Distribution



Red (76%)

Green (87%)

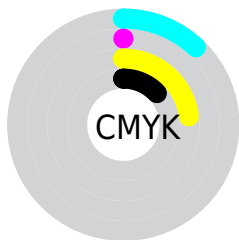
Blue (67%)



Red (67%)

Yellow (87%)

Blue (77%)

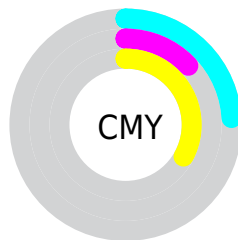


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (13%)



Cyan (24%)


Magenta (13%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 28.355, 128.357 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, 28.355, 128.357 by changing the saturation by 10% instead.


 85, 28.355,
128.357


 85, 28.355,
128.357


 100, 28.355,
128.357


 75, 28.355,
128.357

 65, 28.355,
128.357

 55, 28.355,
128.357

 45, 28.355,
128.357

 35, 28.355,
128.357


 25, 28.355,
128.357


 15, 28.355,


128.357


 5, 28.355, 128.357


 0, 28.355, 128.357

 85, 28.355,
128.357


 85, 28.355,
128.357

 84, 40.506,
127.870


 86, 16.083,
128.838


 83, 52.371,
127.399

 88, 3.794, 129.315


 82, 63.720,
126.988

 89, 8.431, 309.681

 81, 74.222,
126.711

 90, 19.077,
311.529

 80, 83.426,

 91, 20.731,
321.853

126.669

92, 21.468,
325.171

80, 90.800,
126.991

79, 95.910,
127.791

79, 98.311,
128.557

Harmonies

Complementary

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



85, 28.355, 128.357



73, 29.252, 310.498

Rectangle

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



85, 28.355, 128.357



85, 28.355, 178.357



85, 28.355, 308.357



85, 28.355, 358.357

Sweetspot

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



85, 28.357, 128.359



99, 9.645, 129.121



80, 16.888, 72.545



53, 6.268, 129.093



0, 0.000, 0.000



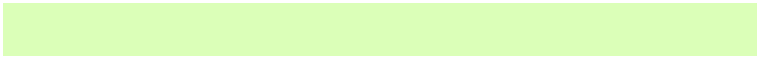
53, 0.007, 296.813

Same Dimension

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



85, 28.357, 128.359



96, 38.595, 128.109



83, 32.850, 142.918



46, 6.926, 129.010



63, 81.897, 128.291



16, 29.394, 128.762

Inverse Universe

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



73, 29.252, 310.498



80, 40.108, 310.765



76, 32.865, 325.698



43, 7.020, 309.821



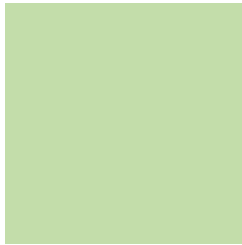
27, 93.208, 312.177



3, 31.317, 309.799

Previews

White Background



This preview shows how the CIELCh color 85, 28.355, 128.357 looks on a white background.

Color Contrast Check

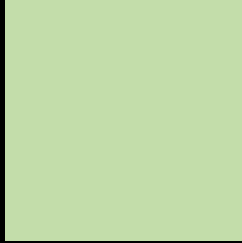
Large Text (above 18pt) WCAG AA × Fail

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, 28.355, 128.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

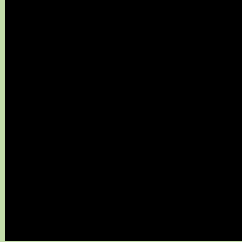
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 28.355, 128.357

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.355, 128.357.



This preview shows how white text looks on a background with the CIELCh color 85, 28.355, 128.357.

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](#).

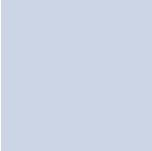
Dichromacy



Original Color
85, 28.355, 128.357

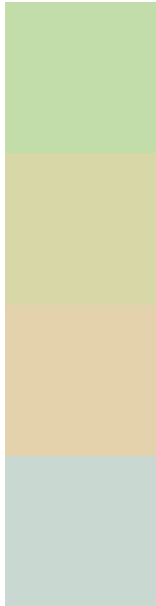
Protanopia
85, 25.154, 95.337

Deuteranopia
85, 23.448, 63.610



Tritanopia
85, 9.405, 271.629

Trichromacy



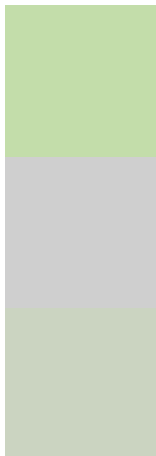
Original Color
85, 28.355, 128.357

Protanomaly
85, 24.990, 108.018

Deuteranomaly
85, 20.993, 89.947

Tritanomaly
85, 6.886, 161.400

Monochromacy



Original Color
85, 28.355, 128.357

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 10.549, 127.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.355, 128.357 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(195, 221, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 221, 170)  
}
```

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(195, 221, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 221, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.355, 128.357 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(195, 221, 170) }
```

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

```
.border{ border-color:rgb(195, 221, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 221, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 221, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 221, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 221,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.355, 128.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 221, 170) }
```

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

```
.background{ background-color: rgb(195,  
221, 170) }
```

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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