

Converting Colors

CIELCh(85, 27.004, 110.188)

Have a look what the booklet for
CIELCh(85, 27.004, 110.188)
contains.

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Color

CIELCh(85, 27.058, 110.334)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8A4
RGB	213, 216, 164
RGB Percent	84%, 85%, 64%
CMY	0.1643, 0.1525, 0.3565
CMYK	0.01, 0.00, 0.24, 0.15
HSL	63°, 40%, 75%
HSV	63°, 24%, 85%
XYZ	58.7599, 66.0070, 44.8107
YIQ	209.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

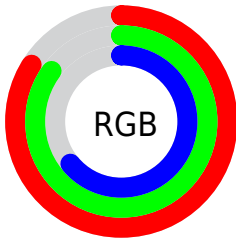
Format	Color
RYB	164, 216, 167
Decimal	14014628
CIELab	85.00, -9.40, 25.37
CIELCh	85, 27.058, 110.334
Yxy	66.0070, 0.3465, 0.3892
Android (android.graphics.Color)	4292204708 (0xFFD5D8A4)
YUV	209.1750, -22.2713, 3.3545
Hunter-Lab	81.2447, -13.0789, 24.1697

Details

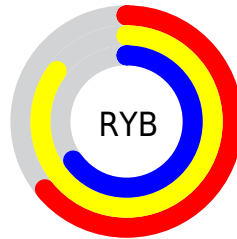
The CIELCh color **85, 27.058, 110.334** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 28.632, 294.980**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **65, 26.837, 109.985** is the 20% darker color. If you saturate the color by 10%, you get **85, 38.037, 109.465**, and if you desaturate by 10%, it is **86, 15.879, 111.220**.

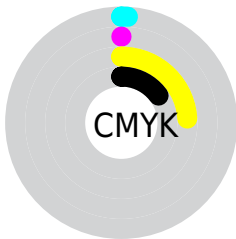
Distribution



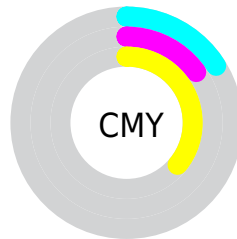
- Red (84%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 27.058, 110.334 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, 27.058, 110.334 by changing the saturation by 10% instead.


 85, 27.058,
110.334


 85, 27.058,
110.334


 100, 27.058,
110.334


 75, 27.058,
110.334

 65, 27.058,
110.334

 55, 27.058,
110.334

 45, 27.058,
110.334

 35, 27.058,
110.334

 25, 27.058,
110.334

 15, 27.058,

110.334

■ 5, 27.058, 110.334

■ 0, 27.058, 110.334

■ 85, 27.058,
110.334

■ 85, 27.058,
110.334

■ 85, 38.037,
109.465

■ 86, 15.879,
111.220

■ 84, 48.658,
108.627

■ 86, 4.593, 112.090

■ 84, 58.689,
107.854

■ 87, 6.734, 292.965

■ 84, 67.782,
107.190

■ 87, 18.056,
293.790

■ 83, 75.466,

■ 88, 20.409,
294.887

106.685

88, 20.440,
296.059

83, 81.201,
106.398

88, 20.480,
297.229

83, 84.596,
106.370

88, 20.528,
298.398

83, 85.752,
106.449

88, 20.584,
299.565

Harmonies

Complementary

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



85, 27.058, 110.334



69, 28.632, 294.980

Rectangle

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



85, 27.058, 110.334



85, 27.058, 160.334



85, 27.058, 290.334



85, 27.058, 340.334

Sweetspot

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



85, 27.060, 110.338



99, 9.048, 111.833



73, 19.639, 25.163



53, 5.879, 111.780



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, 27.060, 110.338



98, 37.174, 109.881



83, 29.334, 129.714



45, 6.367, 111.628



67, 71.967, 106.392



17, 25.048, 107.797

Inverse Universe

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



69, 28.632, 294.980



76, 39.893, 295.664



71, 30.206, 311.883



41, 6.509, 293.330



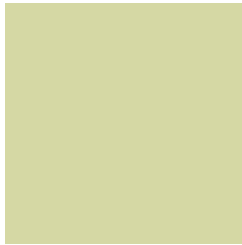
20, 98.820, 306.475



2, 27.633, 295.485

Previews

White Background



This preview shows how the CIELCh color 85, 27.058, 110.334 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, 27.058, 110.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

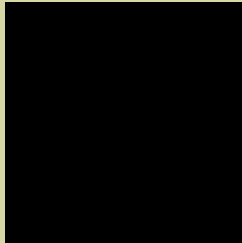
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

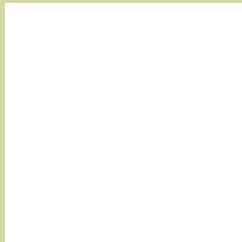
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 27.058, 110.334

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.058, 110.334.



This preview shows how white text looks on a background with the CIELCh color 85, 27.058, 110.334.

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

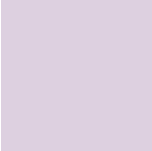
85, 27.058, 110.334

Protanopia

85, 26.763, 95.047

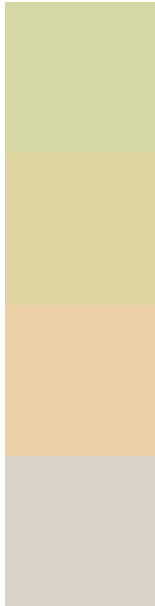
Deuteranopia

85, 26.429, 66.766



Tritanopia
85, 9.666, 319.478

Trichromacy



Original Color
85, 27.058, 110.334

Protanomaly
85, 26.298, 100.142

Deuteranomaly
85, 24.555, 82.343

Tritanomaly
85, 5.363, 80.884

Monochromacy



Original Color
85, 27.058, 110.334

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.994, 113.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.058, 110.334 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(213, 216, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 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(213, 216, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.058, 110.334 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(213, 216, 164) }
```

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

```
.border{ border-color:rgb(213, 216, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.058, 110.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 164) }
```

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

```
.background{ background-color: rgb(213,  
216, 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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