

Converting Colors

CIELCh(85, 10.713, 113.786)

Have a look what the booklet for
CIELCh(85, 10.713, 113.786)
contains.

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Color

CIELCh(85, 10.498, 113.351)

Conversions

Conversions Part 1

Format	Color
Hex	D4D6C2
RGB	212, 214, 194
RGB Percent	83%, 84%, 76%
CMY	0.1685, 0.1606, 0.2391
CMYK	0.01, 0.00, 0.09, 0.16
HSL	66°, 20%, 80%
HSV	66°, 9%, 84%
XYZ	60.9559, 66.0070, 60.5851
YIQ	211.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

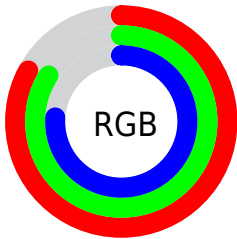
Format	Color
RYB	194, 214, 196
Decimal	13948610
CIELab	85.00, -4.16, 9.64
CIElCh	85, 10.498, 113.351
Yxy	66.0070, 0.3250, 0.3519
Android (android.graphics.Color)	4292138690 (0xFFD4D6C2)
YUV	211.1220, -8.4411, 0.7700
Hunter-Lab	81.2447, -8.2541, 12.6580

Details

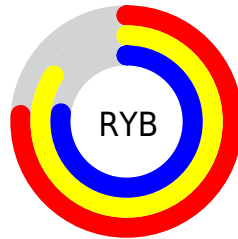
The CIELCh color **85, 10.498, 113.351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 10.729, 294.920**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **65, 10.539, 113.374** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.678, 112.540**, and if you desaturate by 10%, it is **86, 0.747, 294.204**.

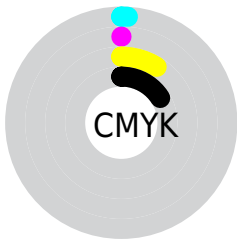
Distribution



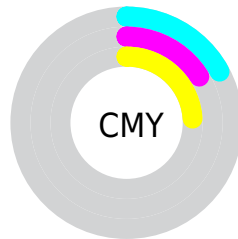
- Red (83%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.498, 113.351 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, 10.498, 113.351 by changing the saturation by 10% instead.


 85, 10.498,
113.351


 85, 10.498,
113.351


 100, 10.498,
113.351


 75, 10.498,
113.351

 65, 10.498,
113.351

 55, 10.498,
113.351

 45, 10.498,
113.351

 35, 10.498,
113.351

 25, 10.498,
113.351

 15, 10.498,

113.351

■ 5, 10.498, 113.351

■ 0, 10.498, 113.351

■ 85, 10.498,
113.351

■ 85, 10.498,
113.351

■ 84, 21.678,
112.540

■ 86, 0.747, 294.204

■ 84, 32.706,
111.721

■ 86, 12.008,
294.951

■ 83, 43.462,
110.925

■ 87, 21.554,
295.877

■ 83, 53.757,
110.181

■ 87, 21.623,
297.778

■ 83, 63.307,

■ 87, 21.714,
299.674

109.530

88, 21.829,
301.561

82, 71.704,
109.027

88, 21.966,
303.435

82, 78.433,
108.740

88, 22.125,
305.292

82, 83.000,
108.732

88, 22.307,
307.128

82, 85.401,
109.010

Harmonies

Complementary

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



85, 10.498, 113.351



79, 10.729, 294.920

Rectangle

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



85, 10.498, 113.351



85, 10.498, 163.351



85, 10.498, 293.351



85, 10.498, 343.351

Sweetspot

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



85, 10.500, 113.359



100, 3.881, 113.865



81, 6.816, 28.766



53, 2.944, 113.801



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, 10.500, 113.359



99, 14.241, 113.215



84, 11.432, 132.103



45, 6.380, 113.353



66, 72.295, 108.939



16, 25.128, 110.185

Inverse Universe

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



79, 10.729, 294.920



91, 14.605, 295.085



80, 11.556, 312.861



41, 6.520, 294.927



20, 98.557, 306.641



2, 27.686, 296.541

Previews

White Background



This preview shows how the CIELCh color 85, 10.498, 113.351 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, 10.498, 113.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

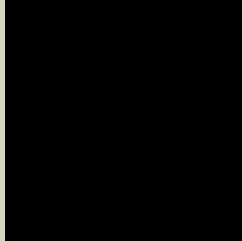
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

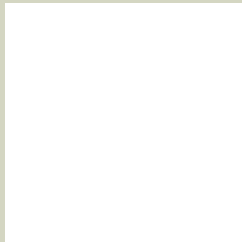
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.498, 113.351

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.498, 113.351.



This preview shows how white text looks on a background with the CIELCh color 85, 10.498, 113.351.

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, 10.498, 113.351

Protanopia
85, 10.145, 87.549

Deuteranopia
85, 13.776, 40.169



Tritanopia
85, 9.431, 308.367

Trichromacy



Original Color
85, 10.498, 113.351

Protanomaly
85, 10.192, 96.529

Deuteranomaly
85, 10.468, 60.275

Tritanomaly
85, 2.159, 332.301

Monochromacy



Original Color
85, 10.498, 113.351

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.689, 115.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.498, 113.351 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(212, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 194)  
}
```

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(212, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.498, 113.351 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(212, 214, 194) }
```

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

```
.border{ border-color:rgb(212, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.498, 113.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 194) }
```

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

```
.background{ background-color: rgb(212,  
214, 194) }
```

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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