

Converting Colors

CIELCh(85, 5.831, 83.294)

Have a look what the booklet for
CIELCh(85, 5.831, 83.294) contains.

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Color

CIELCh(85, 5.831, 83.294)

Conversions

Conversions Part 1

Format	Color
Hex	DAD3C9
RGB	218, 211, 201
RGB Percent	85%, 83%, 79%
CMY	0.1434, 0.1709, 0.2101
CMYK	0.00, 0.03, 0.08, 0.14
HSL	35°, 19%, 82%
HSV	35°, 8%, 86%
XYZ	63.0325, 66.0070, 64.9359
YIQ	211.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

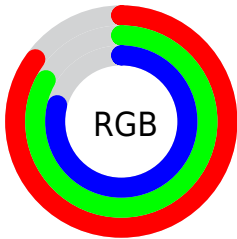
Format	Color
R_{YB}	213, 218, 201
Decimal	14341065
CIE Lab	85.00, 0.68, 5.79
CIE LCh	85, 5.831, 83.294
Yxy	66.0070, 0.3250, 0.3403
Android (android.graphics.Color)	4292531145 (0xFFDAD3C9)
YUV	211.9530, -5.3998, 5.3032
Hunter-Lab	81.2447, -3.6916, 9.4830

Details

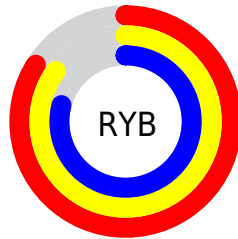
The CIELCh color **85, 5.831, 83.294** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 5.793, 265.436**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 6.008, 86.397** is the 20% darker color. If you saturate the color by 10%, you get **82, 13.549, 82.048**, and if you desaturate by 10%, it is **88, 1.644, 264.823**.

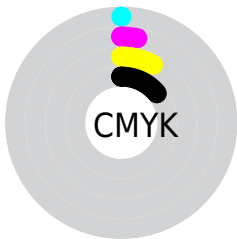
Distribution



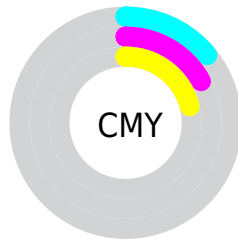
- Red (85%)
- Green (83%)
- Blue (79%)



- Red (84%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.831, 83.294 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, 5.831, 83.294 by changing the saturation by 10% instead.

85, 5.831, 83.294

85, 5.831, 83.294

100, 5.831, 83.294

75, 5.831, 83.294

65, 5.831, 83.294

55, 5.831, 83.294

45, 5.831, 83.294

35, 5.831, 83.294

25, 5.831, 83.294

15, 5.831, 83.294

5, 5.831, 83.294

0, 5.831, 83.294

85, 5.831, 83.294

85, 5.831, 83.294

82, 13.549, 82.048

88, 1.644, 264.823

79, 21.515, 80.720

91, 8.896, 265.877

77, 29.719, 79.353

93, 10.745,
252.198

74, 38.117, 77.948

96, 10.404,
221.021

72, 46.597, 76.493

69, 54.920, 74.949

98, 12.311,
198.683

67, 62.632, 73.231

65, 68.963, 71.164

63, 73.079, 68.515

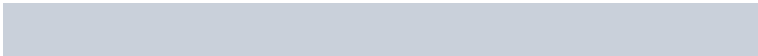
Harmonies

Complementary

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



85, 5.831, 83.294



83, 5.793, 265.436

Rectangle

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



85, 5.831, 83.294



85, 5.831, 133.294



85, 5.831, 263.294



85, 5.831, 313.294

Sweetspot

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



85, 5.832, 83.316



99, 1.676, 83.888



83, 7.286, 349.030



53, 0.952, 83.889



0, 0.000, 0.000



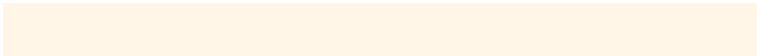
53, 0.007, 296.813

Same Dimension

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



85, 5.832, 83.316



97, 7.661, 83.158



87, 8.885, 112.804



45, 4.279, 83.114



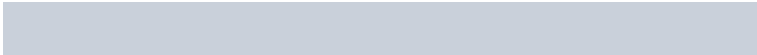
50, 62.115, 68.505



12, 18.690, 70.027

Inverse Universe

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



83, 5.793, 265.436



95, 7.593, 265.612



82, 9.053, 294.140



43, 4.238, 265.661



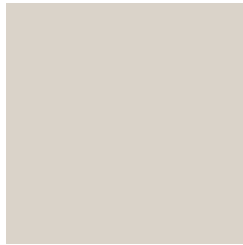
33, 63.784, 291.393



6, 20.598, 281.043

Previews

White Background



This preview shows how the CIELCh color 85, 5.831, 83.294 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, 5.831, 83.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

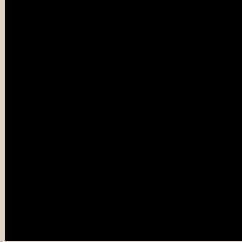
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

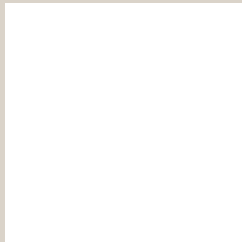
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.831, 83.294

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.831, 83.294.

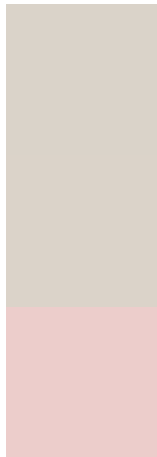


This preview shows how white text looks on a background with the CIELCh color 85, 5.831, 83.294.

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

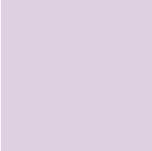
85, 5.831, 83.294

Protanopia

85, 6.005, 80.095

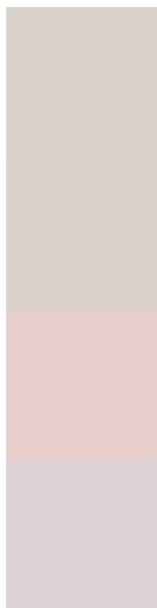
Deuteranopia

85, 11.655, 25.360



Tritanopia
85, 9.844, 321.317

Trichromacy



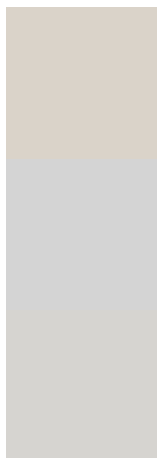
Original Color
85, 5.831, 83.294

Protanomaly
85, 6.005, 80.095

Deuteranomaly
85, 8.980, 36.865

Tritanomaly
85, 5.723, 339.761

Monochromacy



Original Color
85, 5.831, 83.294

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.206, 90.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.831, 83.294 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(218, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 201)  
}
```

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(218, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.831, 83.294 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(218, 211, 201) }
```

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

```
.border{ border-color:rgb(218, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.831, 83.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 201) }
```

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

```
.background{ background-color: rgb(218,  
211, 201) }
```

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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