

Converting Colors

CIELCh(83, 4.818, 102.407)

Have a look what the booklet for
CIELCh(83, 4.818, 102.407) contains.

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Color

CIELCh(83, 4.786, 100.860)

Conversions

Conversions Part 1

Format	Color
Hex	D1CFC6
RGB	209, 207, 198
RGB Percent	82%, 81%, 78%
CMY	0.1809, 0.1888, 0.2241
CMYK	0.00, 0.01, 0.05, 0.18
HSL	49°, 11%, 80%
HSV	49°, 5%, 82%
XYZ	58.7103, 62.1629, 62.2459
YIQ	206.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

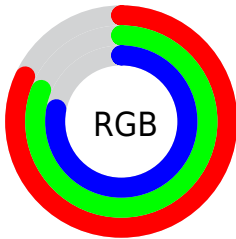
Format	Color
R _Y B	200, 209, 198
Decimal	13750214
CIE Lab	83.00, -0.90, 4.70
CIE LCh	83, 4.786, 100.860
Yxy	62.1629, 0.3206, 0.3395
Android (android.graphics.Color)	4291940294 (0xFFD1CFC6)
YUV	206.5720, -4.2260, 2.1294
Hunter-Lab	78.8435, -5.0573, 8.3817

Details

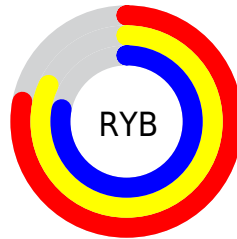
The CIELCh color **83, 4.786, 100.860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 4.834, 282.124**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 5.064, 100.680** is the 20% darker color. If you saturate the color by 10%, you get **82, 13.943, 99.769**, and if you desaturate by 10%, it is **85, 4.305, 282.043**.

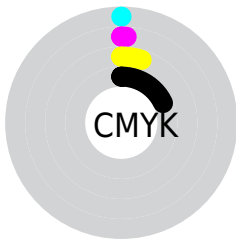
Distribution



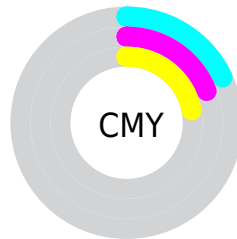
- Red (82%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.786, 100.860 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 83, 4.786, 100.860 by changing the saturation by 10% instead.

■ 83, 4.786, 100.860

■ 83, 4.786, 100.860

■ 100, 4.786,
100.860

■ 73, 4.786, 100.860

■ 63, 4.786, 100.860

■ 53, 4.786, 100.860

■ 43, 4.786, 100.860

■ 33, 4.786, 100.860

■ 23, 4.786, 100.860

■ 13, 4.786, 100.860

■ 3, 4.786, 100.860

■ 0, 4.786, 100.860

83, 4.786, 100.860

83, 4.786, 100.860

82, 13.943, 99.769

85, 4.305, 282.043

80, 23.128, 98.610

86, 13.319,
283.072

79, 32.283, 97.424

87, 19.404,
282.571

77, 41.305, 96.223

76, 50.010, 95.013

88, 17.637,
277.278

75, 58.098, 93.800

89, 16.051,
270.917

74, 65.095, 92.578

73, 70.363, 91.325

90, 14.700,
263.322

72, 73.282, 89.992

91, 13.651,
254.431

92, 12.973,
244.395

■ 93, 12.719,
233.666

Harmonies

Complementary

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



83, 4.786, 100.860



81, 4.834, 282.124

Rectangle

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



83, 4.786, 100.860



83, 4.786, 150.860



83, 4.786, 280.860



83, 4.786, 330.860

Sweetspot

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



83, 4.788, 100.881



100, 2.129, 101.189



81, 4.203, 4.877



53, 1.210, 101.196



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 4.788, 100.881



99, 6.418, 100.795



83, 5.938, 122.147



44, 3.618, 100.739



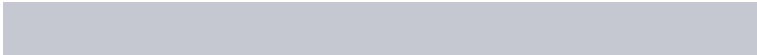
58, 63.184, 89.570



13, 19.346, 93.134

Inverse Universe

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



81, 4.834, 282.124



96, 6.483, 282.216



80, 6.012, 302.712



42, 3.655, 282.276



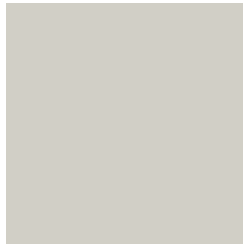
23, 86.913, 302.849



3, 22.370, 288.526

Previews

White Background



This preview shows how the CIELCh color 83, 4.786, 100.860 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 83, 4.786, 100.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

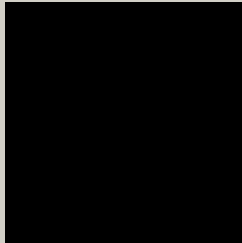
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

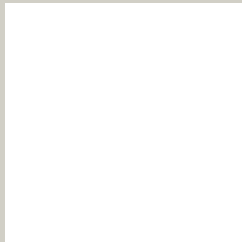
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.786, 100.860

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.786, 100.860.

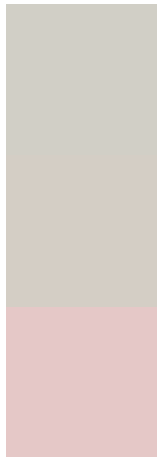


This preview shows how white text looks on a background with the CIELCh color 83, 4.786, 100.860.

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

83, 4.786, 100.860

Protanopia

83, 5.220, 84.471

Deuteranopia

83, 10.891, 22.948



Tritanopia
83, 8.971, 309.377

Trichromacy



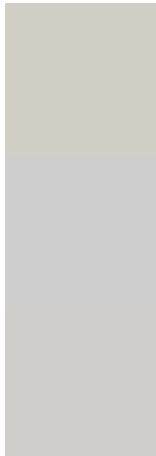
Original Color
83, 4.786, 100.860

Protanomaly
83, 5.075, 88.296

Deuteranomaly
83, 7.626, 31.814

Tritanomaly
83, 4.317, 320.590

Monochromacy



Original Color
83, 4.786, 100.860

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.612, 96.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.786, 100.860 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(209, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 198)  
}
```

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(209, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.786, 100.860 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(209, 207, 198) }
```

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

```
.border{ border-color:rgb(209, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.786, 100.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 198) }
```

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

```
.background{ background-color: rgb(209,  
207, 198) }
```

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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