

Converting Colors

CIELCh(83, 8.862, 127.312)

Have a look what the booklet for
CIELCh(83, 8.862, 127.312) contains.

CIELCh(83, 8.836, 126.511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 8.836, 126.511)

Conversions

Conversions Part 1

Format	Color
Hex	CAD1C1
RGB	202, 209, 193
RGB Percent	79%, 82%, 76%
CMY	0.2069, 0.1795, 0.2422
CMYK	0.03, 0.00, 0.08, 0.18
HSL	86°, 15%, 79%
HSV	86°, 8%, 82%
XYZ	56.9271, 62.1629, 59.5830
YIQ	205.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

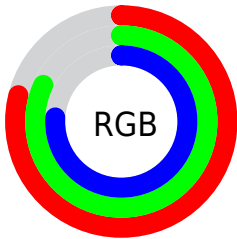
Format	Color
RYB	193, 209, 200
Decimal	13291969
CIELab	83.00, -5.26, 7.10
CIELCh	83, 8.836, 126.511
Yxy	62.1629, 0.3186, 0.3479
Android (android.graphics.Color)	4291482049 (0xFFCAD1C1)
YUV	205.0830, -5.9569, -2.7038
Hunter-Lab	78.8435, -9.0944, 10.3842

Details

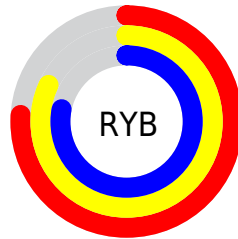
The CIELCh color **83, 8.836, 126.511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 8.955, 307.213**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **63, 8.814, 127.476** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.407, 126.022**, and if you desaturate by 10%, it is **84, 2.722, 306.930**.

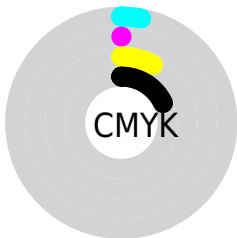
Distribution



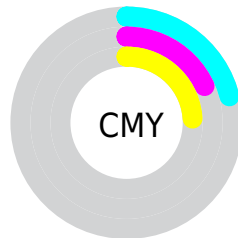
- Red (79%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.836, 126.511 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, 8.836, 126.511 by changing the saturation by 10% instead.

■ 83, 8.836, 126.511

■ 83, 8.836, 126.511

■ 100, 8.836,
126.511

■ 73, 8.836, 126.511

■ 63, 8.836, 126.511

■ 53, 8.836, 126.511

■ 43, 8.836, 126.511

■ 33, 8.836, 126.511

■ 23, 8.836, 126.511

■ 13, 8.836, 126.511

■ 3, 8.836, 126.511

■ 0, 8.836, 126.511

83, 8.836, 126.511

83, 8.836, 126.511

82, 20.407,
126.022

84, 2.722, 306.930

81, 31.903,
125.519

86, 14.214,
307.389

80, 43.206,
125.024

87, 25.097,
308.098

79, 54.143,
124.572

88, 26.119,
314.803

78, 64.462,
124.217

88, 27.465,
321.036

77, 73.800,
124.042

89, 28.689,
325.423

77, 81.688,
124.160

76, 87.632,
124.696

■ 76, 91.428,
125.711

Harmonies

Complementary

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



83, 8.836, 126.511



79, 8.955, 307.213

Rectangle

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



83, 8.836, 126.511



83, 8.836, 176.511



83, 8.836, 306.511



83, 8.836, 356.511

Sweetspot

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



83, 8.838, 126.516



100, 2.702, 126.811



81, 4.976, 66.946



53, 1.536, 126.818



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, 8.838, 126.516



99, 12.212, 126.445



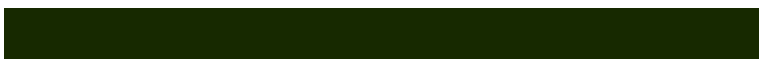
82, 10.127, 142.262



44, 6.554, 126.430



62, 78.217, 125.715



14, 25.620, 127.261

Inverse Universe

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



79, 8.955, 307.213



93, 12.395, 307.287



80, 10.155, 323.003



41, 6.655, 307.303



25, 92.559, 310.650



3, 26.432, 305.182

Previews

White Background



This preview shows how the CIELCh color 83, 8.836, 126.511 looks on a white background.

Color Contrast Check

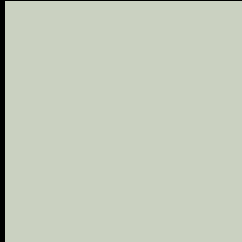
Large Text (above 18pt) WCAG AA × Fail

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 83, 8.836, 126.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

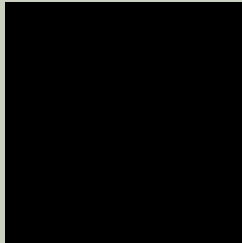
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

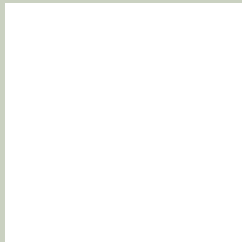
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.836, 126.511

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.836, 126.511.



This preview shows how white text looks on a background with the CIELCh color 83, 8.836, 126.511.

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

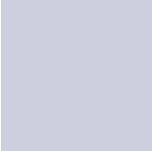
83, 8.836, 126.511

Protanopia

83, 8.437, 88.574

Deuteranopia

83, 12.298, 30.086



Tritanopia
83, 8.483, 293.298

Trichromacy



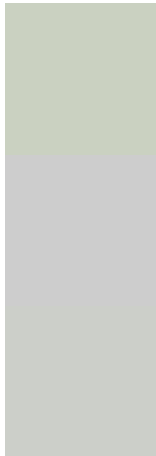
Original Color
83, 8.836, 126.511

Protanomaly
83, 7.966, 101.375

Deuteranomaly
83, 8.264, 54.677

Tritanomaly
83, 2.229, 271.589

Monochromacy



Original Color
83, 8.836, 126.511

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 3.355, 128.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.836, 126.511 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(202, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 193)  
}
```

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(202, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.836, 126.511 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(202, 209, 193) }
```

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

```
.border{ border-color:rgb(202, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.836, 126.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 193) }
```

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

```
.background{ background-color: rgb(202,  
209, 193) }
```

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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