

Converting Colors

CIELCh(83, 10.214, 130.633)

Have a look what the booklet for
CIELCh(83, 10.214, 130.633)
contains.

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Color

CIELCh(83, 10.205, 130.635)

Conversions

Conversions Part 1

Format	Color
Hex	C8D2C0
RGB	200, 210, 192
RGB Percent	78%, 82%, 75%
CMY	0.2158, 0.1765, 0.2471
CMYK	0.05, 0.00, 0.09, 0.18
HSL	93°, 17%, 79%
HSV	93°, 9%, 82%
XYZ	56.3662, 62.1629, 58.8838
YIQ	204.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

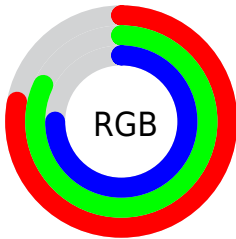
Format	Color
RYB	192, 210, 202
Decimal	13161152
CIELab	83.00, -6.65, 7.74
CIELCh	83, 10.205, 130.635
Yxy	62.1629, 0.3177, 0.3504
Android (android.graphics.Color)	4291351232 (0xFFC8D2C0)
YUV	204.9580, -6.3883, -4.3482
Hunter-Lab	78.8435, -10.3641, 10.9100

Details

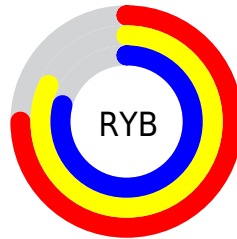
The CIELCh color **83, 10.205, 130.635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 10.323, 311.341**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **63, 10.276, 131.649** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.155, 130.175**, and if you desaturate by 10%, it is **84, 1.704, 310.964**.

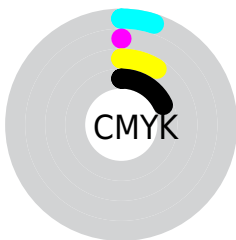
Distribution



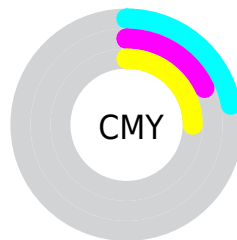
- Red (78%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 10.205, 130.635 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, 10.205, 130.635 by changing the saturation by 10% instead.


 83, 10.205,
130.635


 83, 10.205,
130.635


 100, 10.205,
130.635


 73, 10.205,
130.635

 63, 10.205,
130.635

 53, 10.205,
130.635

 43, 10.205,
130.635

 33, 10.205,
130.635

 23, 10.205,
130.635

 13, 10.205,

130.635

■ 3, 10.205, 130.635

■ 0, 10.205, 130.635

■ 83, 10.205,
130.635

■ 83, 10.205,
130.635

■ 82, 22.155,
130.175

■ 84, 1.704, 310.964

■ 81, 34.046,
129.692

■ 86, 13.511,
311.421

■ 79, 45.748,
129.205

■ 87, 25.167,
311.770

■ 78, 57.069,
128.749

■ 88, 26.774,
320.035

■ 78, 67.738,

■ 89, 28.219,
325.407

128.379

■ 77, 77.373,
128.184

■ 76, 85.486,
128.281

■ 76, 91.583,
128.798

■ 75, 95.533,
129.763

Harmonies

Complementary

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



83, 10.205, 130.635



79, 10.323, 311.341

Rectangle

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



83, 10.205, 130.635



83, 10.205, 180.635



83, 10.205, 310.635



83, 10.205, 0.635

Sweetspot

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



83, 10.207, 130.639



100, 4.167, 130.903



82, 6.031, 79.503



53, 3.161, 130.860



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, 10.207, 130.639



98, 13.945, 130.568



82, 11.249, 145.324



43, 6.734, 130.601



61, 81.230, 129.655



14, 26.654, 131.565

Inverse Universe

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



79, 10.323, 311.341



93, 14.124, 311.411



80, 11.269, 326.263



41, 6.815, 311.379



27, 90.265, 313.315



3, 27.090, 309.687

Previews

White Background



This preview shows how the CIELCh color 83, 10.205, 130.635 looks on a white background.

Color Contrast Check

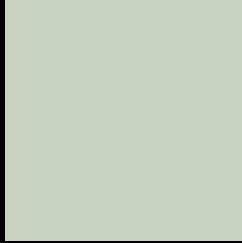
Large Text (above 18pt) WCAG AA × Fail

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, 10.205, 130.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

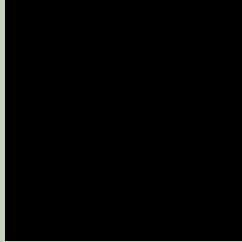
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

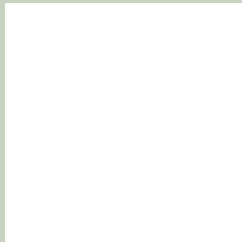
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.205, 130.635

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.205, 130.635.



This preview shows how white text looks on a background with the CIELCh color 83, 10.205, 130.635.

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

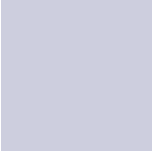
83, 10.205, 130.635

Protanopia

83, 8.933, 89.702

Deuteranopia

83, 12.424, 32.441



Tritanopia
83, 8.465, 288.538

Trichromacy



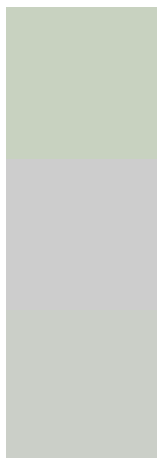
Original Color
83, 10.205, 130.635

Protanomaly
83, 8.449, 104.345

Deuteranomaly
83, 8.288, 59.090

Tritanomaly
83, 2.541, 256.038

Monochromacy



Original Color
83, 10.205, 130.635

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 3.982, 131.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.205, 130.635 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(200, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 192)  
}
```

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(200, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.205, 130.635 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(200, 210, 192) }
```

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

```
.border{ border-color:rgb(200, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.205, 130.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 192) }
```

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

```
.background{ background-color: rgb(200,  
210, 192) }
```

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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