

Converting Colors

CIELCh(83, 5.621, 170.484)

Have a look what the booklet for
CIELCh(83, 5.621, 170.484) contains.

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Color

CIELCh(83, 5.725, 171.606)

Conversions

Conversions Part 1

Format	Color
Hex	C4D2CD
RGB	196, 210, 205
RGB Percent	77%, 82%, 80%
CMY	0.2318, 0.1769, 0.1965
CMYK	0.07, 0.00, 0.02, 0.18
HSL	159°, 13%, 80%
HSV	159°, 7%, 82%
XYZ	56.7625, 62.1629, 66.6955
YIQ	205.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

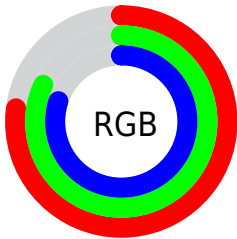
Format	Color
RYB	196, 205, 210
Decimal	12899021
CIELab	83.00, -5.66, 0.84
CIElCh	83, 5.725, 171.606
Yxy	62.1629, 0.3058, 0.3349
Android (android.graphics.Color)	4291089101 (0xFFC4D2CD)
YUV	205.2440, -0.1203, -8.1070
Hunter-Lab	78.8435, -9.4669, 5.0356

Details

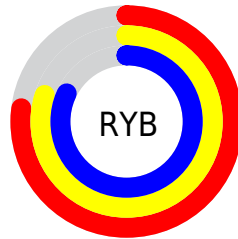
The CIELCh color `83, 5.725, 171.606` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 5.822, 352.645`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `63, 6.045, 171.389` is the 20% darker color. If you saturate the color by 10%, you get `81, 14.238, 170.588`, and if you desaturate by 10%, it is `85, 2.871, 352.236`.

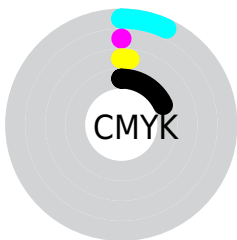
Distribution



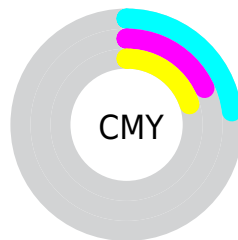
- Red (77%)
- Green (82%)
- Blue (80%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.725, 171.606 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, 5.725, 171.606 by changing the saturation by 10% instead.

■ 83, 5.725, 171.606

■ 83, 5.725, 171.606

■ 100, 5.725,
171.606

■ 73, 5.725, 171.606

■ 63, 5.725, 171.606

■ 53, 5.725, 171.606

■ 43, 5.725, 171.606

■ 33, 5.725, 171.606

■ 23, 5.725, 171.606

■ 13, 5.725, 171.606

■ 3, 5.725, 171.606

■ 0, 5.725, 171.606

83, 5.725, 171.606

83, 5.725, 171.606

81, 14.238,
170.588

85, 2.871, 352.236

80, 22.549,
169.531

87, 11.465,
353.189

79, 30.530,
168.379

88, 18.730,
351.862

78, 38.038,
167.105

89, 20.762,
342.294

77, 44.930,
165.684

89, 23.290,
334.679


76, 51.082,
164.091

89, 26.168,
328.714

75, 56.407,
162.304

89, 28.273,
325.409

75, 60.881,
160.308

 75, 64.570,
158.116

Harmonies

Complementary

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



83, 5.725, 171.606



80, 5.822, 352.645

Rectangle

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



83, 5.725, 171.606



83, 5.725, 221.606



83, 5.725, 351.606



83, 5.725, 41.606

Sweetspot

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



83, 5.727, 171.596



100, 2.009, 172.208



83, 8.093, 133.330



53, 1.142, 172.231



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, 5.727, 171.596



98, 8.039, 171.450



83, 4.419, 212.157



43, 4.851, 171.317



61, 55.382, 157.769



14, 19.442, 162.981

Inverse Universe

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



80, 5.822, 352.645



95, 8.197, 352.795



81, 4.610, 32.002



41, 4.960, 352.933



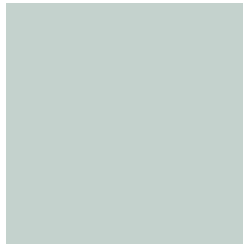
35, 62.698, 15.361



5, 20.749, 2.541

Previews

White Background



This preview shows how the CIELCh color 83, 5.725, 171.606 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, 5.725, 171.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

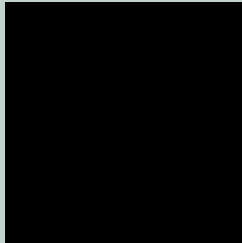
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

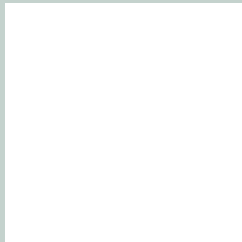
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.725, 171.606

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.725, 171.606.



This preview shows how white text looks on a background with the CIELCh color 83, 5.725, 171.606.

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](#).

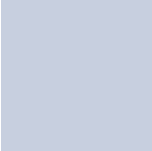
Dichromacy



Original Color
83, 5.725, 171.606

Protanopia
83, 2.779, 68.541

Deuteranopia
83, 10.288, 359.195



Tritanopia
83, 8.852, 272.578

Trichromacy



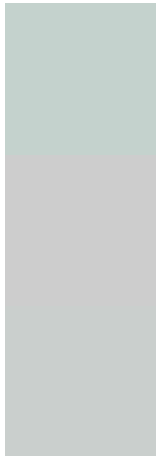
Original Color
83, 5.725, 171.606

Protanomaly
83, 2.137, 119.806

Deuteranomaly
83, 4.177, 4.976

Tritanomaly
83, 5.456, 250.256

Monochromacy



Original Color
83, 5.725, 171.606

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.105, 169.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.725, 171.606 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(196, 210, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 205)  
}
```

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(196, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.725, 171.606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

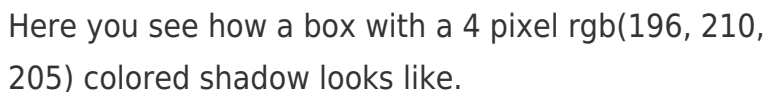
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 210, 205) }
```

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

```
.border{ border-color:rgb(196, 210, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.725, 171.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 205) }
```

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

```
.background{ background-color: rgb(196,  
210, 205) }
```

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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