

Converting Colors

CIELCh(83, 7.530, 151.069)

Have a look what the booklet for
CIELCh(83, 7.530, 151.069) contains.

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Color

CIELCh(83, 7.130, 151.271)

Conversions

Conversions Part 1

Format	Color
Hex	C5D2C8
RGB	197, 210, 200
RGB Percent	77%, 82%, 78%
CMY	0.2273, 0.1763, 0.2155
CMYK	0.06, 0.00, 0.05, 0.18
HSL	134°, 13%, 80%
HSV	134°, 6%, 82%
XYZ	56.5248, 62.1629, 63.6892
YIQ	204.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

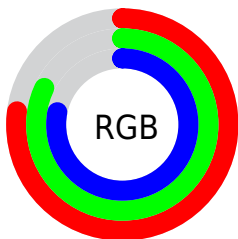
Format	Color
RYB	197, 208, 210
Decimal	12964552
CIELab	83.00, -6.25, 3.43
CIELCh	83, 7.130, 151.271
Yxy	62.1629, 0.3099, 0.3408
Android (android.graphics.Color)	4291154632 (0xFFC5D2C8)
YUV	204.9730, -2.4517, -6.9923
Hunter-Lab	78.8435, -10.0051, 7.2964

Details

The CIELCh color `83, 7.130, 151.271` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 7.159, 331.971`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `63, 7.545, 151.125` is the 20% darker color. If you saturate the color by 10%, you get `81, 18.754, 150.512`, and if you desaturate by 10%, it is `85, 4.367, 331.780`.

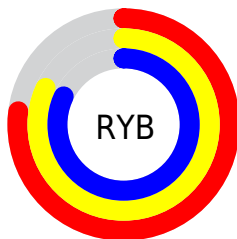
Distribution



Red (77%)

Green (82%)

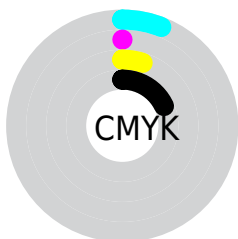
Blue (78%)



Red (77%)

Yellow (82%)

Blue (82%)

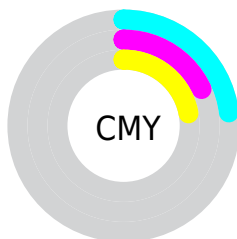


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (23%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.130, 151.271 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, 7.130, 151.271 by changing the saturation by 10% instead.

■ 83, 7.130, 151.271

■ 83, 7.130, 151.271

■ 100, 7.130,
151.271

■ 73, 7.130, 151.271

■ 63, 7.130, 151.271

■ 53, 7.130, 151.271

■ 43, 7.130, 151.271

■ 33, 7.130, 151.271

■ 23, 7.130, 151.271

■ 13, 7.130, 151.271

■ 3, 7.130, 151.271

■ 0, 7.130, 151.271

83, 7.130, 151.271

83, 7.130, 151.271

81, 18.754,
150.512

85, 4.367, 331.780

80, 30.369,
149.662

87, 15.646,
332.386

78, 41.807,
148.682

89, 25.526,
329.708

77, 52.862,
147.550

89, 28.177,
325.406

76, 63.302,
146.253

75, 72.880,
144.786

74, 81.360,
143.165

74, 88.535,
141.438

■ 74, 94.253,
139.696

Harmonies

Complementary

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



83, 7.130, 151.271



81, 7.159, 331.971

Rectangle

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



83, 7.130, 151.271



83, 7.130, 201.271



83, 7.130, 331.271



83, 7.130, 21.271

Sweetspot

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



83, 7.132, 151.269



100, 2.682, 151.640



84, 6.920, 118.234



53, 1.525, 151.653



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, 7.132, 151.269



98, 9.445, 151.203



83, 5.090, 176.659



43, 5.215, 151.170



60, 80.937, 139.386



13, 27.118, 146.158

Inverse Universe

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



81, 7.159, 331.971



96, 9.479, 332.034



81, 5.191, 357.607



42, 5.234, 332.065



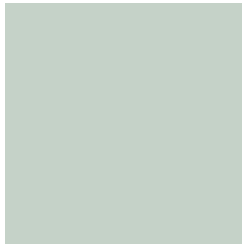
38, 70.968, 339.983



5, 26.031, 337.166

Previews

White Background



This preview shows how the CIELCh color 83, 7.130, 151.271 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, 7.130, 151.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

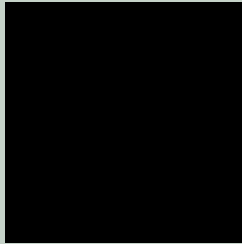
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

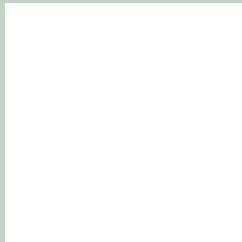
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.130, 151.271

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.130, 151.271.

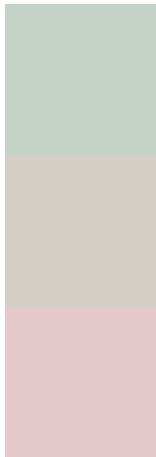


This preview shows how white text looks on a background with the CIELCh color 83, 7.130, 151.271.

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](#).

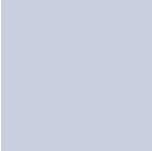
Dichromacy



Original Color
83, 7.130, 151.271

Protanopia
83, 4.746, 81.840

Deuteranopia
83, 10.491, 14.431



Tritanopia
83, 8.674, 276.947

Trichromacy



Original Color
83, 7.130, 151.271

Protanomaly
83, 4.210, 109.794

Deuteranomaly
83, 5.057, 37.822

Tritanomaly
83, 4.621, 252.670

Monochromacy



Original Color
83, 7.130, 151.271

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.799, 150.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.130, 151.271 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(197, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 200)  
}
```

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(197, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.130, 151.271 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(197, 210, 200) }
```

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

```
.border{ border-color:rgb(197, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 210,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.130, 151.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 200) }
```

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

```
.background{ background-color: rgb(197,  
210, 200) }
```

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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