

Converting Colors

CIELCh(83, 6.841, 163.930)

Have a look what the booklet for
CIELCh(83, 6.841, 163.930) contains.

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Color

CIELCh(83, 6.601, 164.947)

Conversions

Conversions Part 1

Format	Color
Hex	C3D2CB
RGB	195, 210, 203
RGB Percent	76%, 82%, 80%
CMY	0.2344, 0.1755, 0.2030
CMYK	0.07, 0.00, 0.03, 0.18
HSL	152°, 14%, 80%
HSV	152°, 7%, 82%
XYZ	56.4755, 62.1629, 65.6659
YIQ	204.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

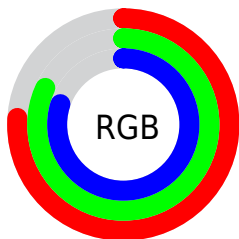
Format	Color
RYB	195, 205, 210
Decimal	12833483
CIELab	83.00, -6.37, 1.71
CIELCh	83, 6.601, 164.947
Yxy	62.1629, 0.3064, 0.3373
Android (android.graphics.Color)	4291023563 (0xFFC3D2CB)
YUV	204.7170, -0.8465, -8.5218
Hunter-Lab	78.8435, -10.1166, 5.8100

Details

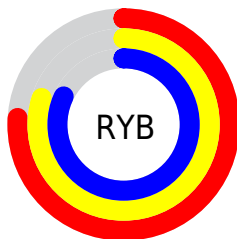
The CIELCh color **83, 6.601, 164.947** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 6.681, 346.023**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **63, 6.977, 164.730** is the 20% darker color. If you saturate the color by 10%, you get **81, 15.838, 163.984**, and if you desaturate by 10%, it is **85, 2.652, 345.546**.

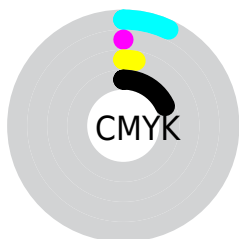
Distribution



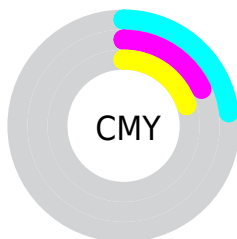
- Red (76%)
- Green (82%)
- Blue (80%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.601, 164.947 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, 6.601, 164.947 by changing the saturation by 10% instead.

■ 83, 6.601, 164.947

■ 83, 6.601, 164.947

■ 100, 6.601,
164.947

■ 73, 6.601, 164.947

■ 63, 6.601, 164.947

■ 53, 6.601, 164.947

■ 43, 6.601, 164.947

■ 33, 6.601, 164.947

■ 23, 6.601, 164.947

■ 13, 6.601, 164.947

■ 3, 6.601, 164.947

■ 0, 6.601, 164.947

83, 6.601, 164.947

83, 6.601, 164.947

81, 15.838,
163.984

85, 2.652, 345.546

80, 24.940,
162.957

87, 11.835,
346.438

79, 33.771,
161.815

89, 19.899,
345.106

77, 42.179,
160.532

89, 23.113,
334.668

77, 50.007,
159.084


89, 26.934,
327.093

76, 57.114,
157.445

89, 28.059,
325.402

75, 63.395,
155.597

75, 68.808,
153.536

 74, 73.412,
151.291

Harmonies

Complementary

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



83, 6.601, 164.947



80, 6.681, 346.023

Rectangle

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



83, 6.601, 164.947



83, 6.601, 214.947



83, 6.601, 344.947



83, 6.601, 34.947

Sweetspot

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



83, 6.603, 164.940



100, 2.157, 165.544



83, 8.422, 129.355



53, 1.226, 165.564



0, 0.000, 0.000



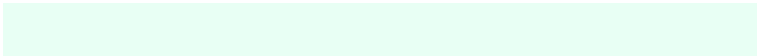
53, 0.007, 296.813

Same Dimension

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



83, 6.603, 164.940



98, 9.740, 164.753



83, 5.251, 200.575



43, 5.227, 164.724



61, 62.770, 151.050



13, 21.665, 156.478

Inverse Universe

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



80, 6.681, 346.023



94, 9.878, 346.211



80, 5.493, 21.117



41, 5.303, 346.240



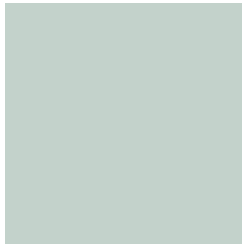
36, 61.880, 4.831



5, 21.500, 356.062

Previews

White Background



This preview shows how the CIELCh color 83, 6.601, 164.947 looks on a white background.

Color Contrast Check

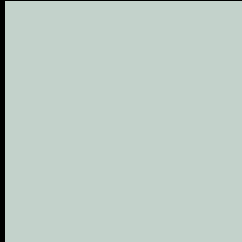
Large Text (above 18pt) WCAG AA × Fail

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, 6.601, 164.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

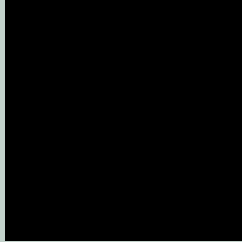
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

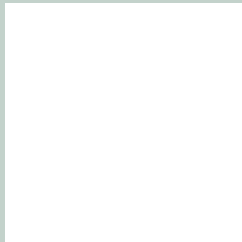
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.601, 164.947

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.601, 164.947.



This preview shows how white text looks on a background with the CIELCh color 83, 6.601, 164.947.

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](#).

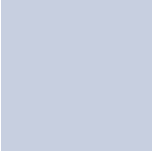
Dichromacy



Original Color
83, 6.601, 164.947

Protanopia
83, 3.196, 74.728

Deuteranopia
83, 10.350, 5.463



Tritanopia
83, 9.353, 273.674

Trichromacy



Original Color
83, 6.601, 164.947

Protanomaly
83, 3.352, 128.981

Deuteranomaly
83, 4.045, 19.573

Tritanomaly
83, 5.456, 250.256

Monochromacy



Original Color
83, 6.601, 164.947

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.705, 163.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.601, 164.947 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(195, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 210, 203)  
}
```

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(195, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 210, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.601, 164.947 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(195, 210, 203) }
```

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

```
.border{ border-color:rgb(195, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 210,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.601, 164.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 210, 203) }
```

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

```
.background{ background-color: rgb(195,  
210, 203) }
```

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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