

Converting Colors

CIELCh(83, 5.205, 206.542)

Have a look what the booklet for
CIELCh(83, 5.205, 206.542) contains.

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Color

CIELCh(83, 5.345, 204.809)

Conversions

Conversions Part 1

Format	Color
Hex	C3D2D3
RGB	195, 210, 211
RGB Percent	76%, 82%, 83%
CMY	0.2366, 0.1778, 0.1739
CMYK	0.08, 0.00, 0.00, 0.17
HSL	184°, 15%, 79%
HSV	184°, 8%, 83%
XYZ	57.0915, 62.1629, 70.3881
YIQ	205.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

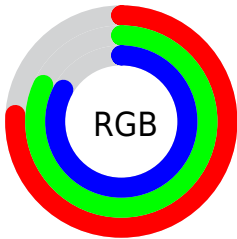
Format	Color
RYB	195, 203, 211
Decimal	12833491
CIELab	83.00, -4.85, -2.24
CIELCh	83, 5.345, 204.809
Yxy	62.1629, 0.3010, 0.3278
Android (android.graphics.Color)	4291023571 (0xFFC3D2D3)
YUV	205.6290, 2.6479, -9.3216
Hunter-Lab	78.8435, -8.7220, 2.2589

Details

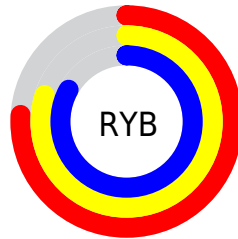
The CIELCh color **83, 5.345, 204.809** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 5.612, 25.136**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **63, 5.612, 204.713** is the 20% darker color. If you saturate the color by 10%, you get **81, 12.044, 204.457**, and if you desaturate by 10%, it is **85, 1.735, 24.683**.

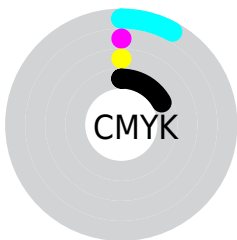
Distribution



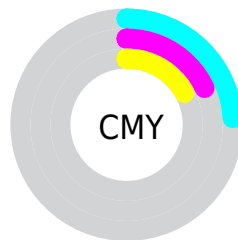
- Red (76%)
- Green (82%)
- Blue (83%)



- Red (76%)
- Yellow (80%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.345, 204.809 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, 5.345, 204.809 by changing the saturation by 10% instead.

■ 83, 5.345, 204.809

■ 83, 5.345, 204.809

■ 100, 5.345,
204.809

■ 73, 5.345, 204.809

■ 63, 5.345, 204.809

■ 53, 5.345, 204.809

■ 43, 5.345, 204.809

■ 33, 5.345, 204.809

■ 23, 5.345, 204.809

■ 13, 5.345, 204.809

■ 3, 5.345, 204.809

■ 0, 5.345, 204.809

83, 5.345, 204.809

83, 5.345, 204.809

81, 12.044,
204.457

85, 1.735, 24.683

80, 18.249,
204.248

87, 9.100, 25.337

78, 23.846,
204.145

89, 15.577, 26.076

77, 28.719,
204.164

89, 15.179, 28.741

76, 32.767,
204.325

89, 14.816, 31.542

75, 35.913,
204.648

90, 14.492, 34.477

74, 38.125,
205.155

90, 14.207, 37.537

73, 39.427,
205.864

90, 13.966, 40.712

91, 13.770, 43.988

■ 73, 39.935,
206.781

Harmonies

Complementary

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



83, 5.345, 204.809



80, 5.612, 25.136

Rectangle

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



83, 5.345, 204.809



83, 5.345, 254.809



83, 5.345, 24.809



83, 5.345, 74.809

Sweetspot

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



83, 5.346, 204.789



100, 1.666, 205.262



83, 9.980, 145.389



53, 0.947, 205.286



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, 5.346, 204.789



98, 7.371, 204.726



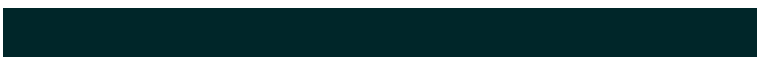
81, 5.287, 261.692



43, 3.953, 204.714



59, 33.886, 206.836



13, 13.137, 204.662

Inverse Universe

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



80, 9.915, 326.558



94, 13.737, 326.647



82, 5.344, 79.620



41, 7.373, 326.665



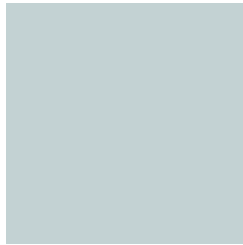
39, 80.650, 330.857



6, 29.671, 329.930

Previews

White Background



This preview shows how the CIELCh color 83, 5.345, 204.809 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, 5.345, 204.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

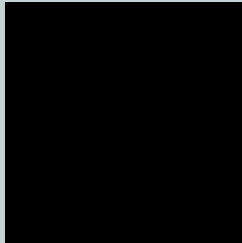
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

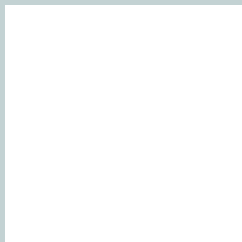
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.345, 204.809

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.345, 204.809.

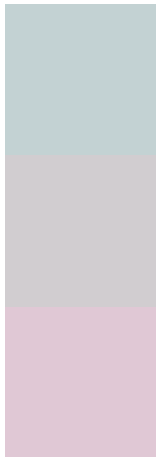


This preview shows how white text looks on a background with the CIELCh color 83, 5.345, 204.809.

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, 5.345, 204.809

Protanopia
83, 2.170, 332.309

Deuteranopia
83, 11.152, 342.302



Tritanopia
83, 9.198, 266.422

Trichromacy



Original Color
83, 5.345, 204.809

Protanomaly
83, 1.505, 244.446

Deuteranomaly
83, 5.372, 327.801

Tritanomaly
83, 6.897, 249.380

Monochromacy



Original Color
83, 5.345, 204.809

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.162, 199.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.345, 204.809 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(195, 210, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 210, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.345, 204.809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

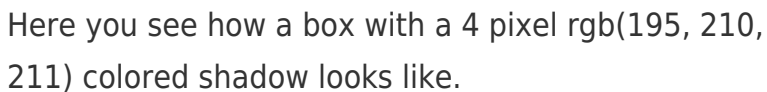
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 210, 211) }
```

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

```
.border{ border-color:rgb(195, 210, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 210, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 210, 211); box-shadow:4px 4px 4px 4px rgb(195, 210, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.345, 204.809 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, 211) }
```

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

```
.background{ background-color: rgb(195,  
210, 211) }
```

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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