

Converting Colors

CIELCh(83, 4.961, 199.152)

Have a look what the booklet for
CIELCh(83, 4.961, 199.152) contains.

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Color

CIELCh(83, 4.990, 199.154)

Conversions

Conversions Part 1

Format	Color
Hex	C4D2D2
RGB	196, 210, 210
RGB Percent	77%, 82%, 82%
CMY	0.2332, 0.1783, 0.1783
CMYK	0.07, 0.00, 0.00, 0.18
HSL	180°, 13%, 79%
HSV	180°, 7%, 82%
XYZ	57.1476, 62.1629, 69.6513
YIQ	205.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

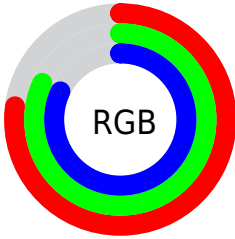
Format	Color
RYB	196, 203, 210
Decimal	12899026
CIELab	83.00, -4.71, -1.64
CIElCh	83, 4.990, 199.154
Yxy	62.1629, 0.3024, 0.3290
Android (android.graphics.Color)	4291089106 (0xFFC4D2D2)
YUV	205.8140, 2.0637, -8.6069
Hunter-Lab	78.8435, -8.5952, 2.8129

Details

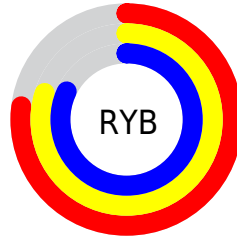
The CIELCh color `83, 4.990, 199.154` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 5.204, 19.690`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `63, 5.245, 199.014` is the 20% darker color. If you saturate the color by 10%, you get `82, 12.132, 198.548`, and if you desaturate by 10%, it is `85, 2.535, 19.349`.

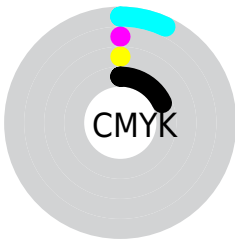
Distribution



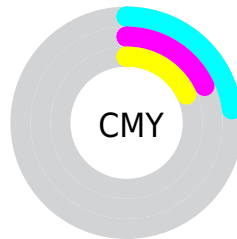
- Red (77%)
- Green (82%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.990, 199.154 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, 4.990, 199.154 by changing the saturation by 10% instead.

■ 83, 4.990, 199.154

■ 83, 4.990, 199.154

■ 100, 4.990,
199.154

■ 73, 4.990, 199.154

■ 63, 4.990, 199.154

■ 53, 4.990, 199.154

■ 43, 4.990, 199.154

■ 33, 4.990, 199.154

■ 23, 4.990, 199.154

■ 13, 4.990, 199.154

■ 3, 4.990, 199.154

■ 0, 4.990, 199.154

83, 4.990, 199.154

83, 4.990, 199.154

82, 12.132,
198.548

85, 2.535, 19.349

80, 18.771,
198.056

86, 10.341, 20.103

79, 24.786,
197.625

88, 17.032, 20.629

78, 30.058,
197.255

88, 17.032, 20.620

88, 17.032, 20.612

78, 34.485,
196.949

88, 17.032, 20.604

88, 17.031, 20.596

77, 37.995,
196.709

88, 17.031, 20.588

77, 40.559,
196.535

88, 17.031, 20.580

77, 42.205,
196.423

■ 76, 43.036,
196.365

Harmonies

Complementary

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



83, 4.990, 199.154



80, 5.204, 19.690

Rectangle

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



83, 4.990, 199.154



83, 4.990, 249.154



83, 4.990, 19.154



83, 4.990, 69.154

Sweetspot

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



83, 4.991, 199.134



100, 1.770, 199.648



83, 8.992, 143.653



53, 1.006, 199.673



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, 4.991, 199.134



99, 6.985, 199.039



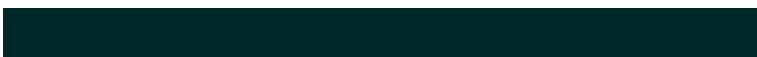
81, 4.386, 254.515



43, 4.203, 198.956



62, 36.718, 196.352



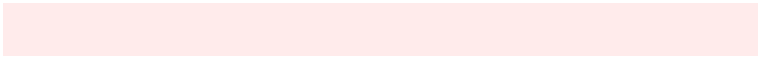
14, 14.040, 196.359

Inverse Universe

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



80, 5.204, 19.690



94, 7.349, 19.804



82, 4.454, 72.710



41, 4.460, 19.909



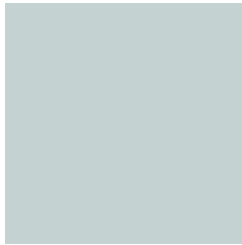
35, 76.446, 39.855



4, 20.018, 19.456

Previews

White Background



This preview shows how the CIELCh color 83, 4.990, 199.154 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, 4.990, 199.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

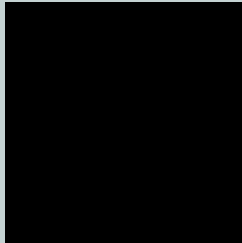
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

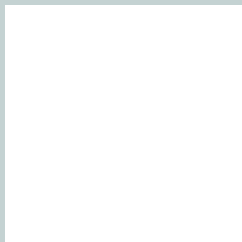
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.990, 199.154

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.990, 199.154.



This preview shows how white text looks on a background with the CIELCh color 83, 4.990, 199.154.

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





Tritanopia
83, 9.453, 271.670

Trichromacy



Original Color
83, 4.990, 199.154

Protanomaly
83, 0.894, 236.373

Deuteranomaly
83, 5.480, 337.279

Tritanomaly
83, 6.909, 256.790

Monochromacy



Original Color
83, 4.990, 199.154

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 1.804, 199.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.990, 199.154 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, 210)` looks like.

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

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, 210) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 83, 4.990, 199.154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

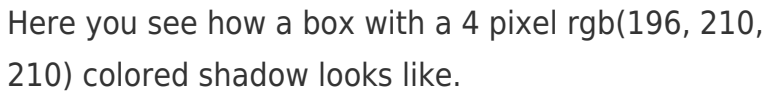
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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, 210)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 83, 4.990, 199.154 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, 210) }
```

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

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

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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