

Converting Colors

CIELCh(84, 4.648, 195.864)

Have a look what the booklet for
CIELCh(84, 4.648, 195.864) contains.

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Color

CIELCh(84, 4.631, 199.192)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4D4
RGB	199, 212, 212
RGB Percent	78%, 83%, 83%
CMY	0.2191, 0.1681, 0.1681
CMYK	0.06, 0.00, 0.00, 0.17
HSL	180°, 13%, 81%
HSV	180°, 6%, 83%
XYZ	59.0577, 64.0658, 71.6209
YIQ	208.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

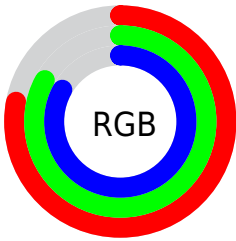
Format	Color
R_{YB}	199, 206, 212
Decimal	13096148
CIE Lab	84.00, -4.37, -1.52
CIE LCh	84, 4.631, 199.192
Yxy	64.0658, 0.3033, 0.3290
Android (android.graphics.Color)	4291286228 (0xFFC7D4D4)
YUV	208.1130, 1.9163, -7.9921
Hunter-Lab	80.0411, -8.3670, 2.9760

Details

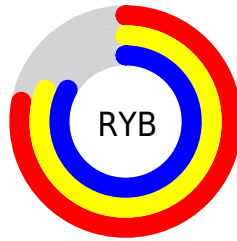
The CIELCh color `84, 4.631, 199.192` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 4.813, 19.641`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 4.505, 199.098` is the 20% darker color. If you saturate the color by 10%, you get `83, 11.869, 198.572`, and if you desaturate by 10%, it is `86, 2.988, 19.410`.

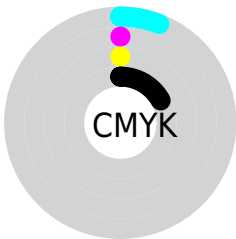
Distribution



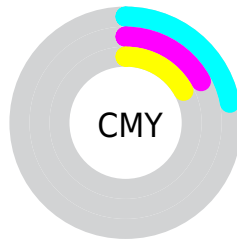
- Red (78%)
- Green (83%)
- Blue (83%)



- Red (78%)
- Yellow (81%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 4.631, 199.192 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 84, 4.631, 199.192 by changing the saturation by 10% instead.

■ 84, 4.631, 199.192

■ 84, 4.631, 199.192

■ 100, 4.631,
199.192

■ 74, 4.631, 199.192

■ 64, 4.631, 199.192

■ 54, 4.631, 199.192

■ 44, 4.631, 199.192

■ 34, 4.631, 199.192

■ 24, 4.631, 199.192

■ 14, 4.631, 199.192

■ 4, 4.631, 199.192

■ 0, 4.631, 199.192

84, 4.631, 199.192

84, 4.631, 199.192

83, 11.869,
198.572

86, 2.988, 19.410

81, 18.605,
198.077

87, 10.885, 20.136

80, 24.717,
197.642

89, 15.996, 20.531

79, 30.083,
197.268

89, 15.996, 20.521

79, 34.600,
196.959

89, 15.995, 20.510

78, 38.193,
196.715

89, 15.995, 20.500

78, 40.831,
196.537

89, 15.995, 20.490

77, 42.537,
196.422

89, 15.995, 20.479

89, 15.995, 20.469

■ 77, 43.408,
196.361

Harmonies

Complementary

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



84, 4.631, 199.192



81, 4.813, 19.641

Rectangle

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



84, 4.631, 199.192



84, 4.631, 249.192



84, 4.631, 19.192



84, 4.631, 69.192

Sweetspot

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



84, 4.632, 199.170



100, 1.770, 199.645



84, 8.330, 143.688



53, 1.006, 199.670



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 4.632, 199.170



99, 6.127, 199.103



82, 4.067, 254.451



45, 3.446, 199.071



63, 37.129, 196.346



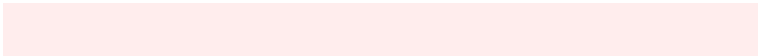
15, 14.561, 196.353

Inverse Universe

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



81, 4.813, 19.641



95, 6.404, 19.719



83, 4.122, 72.767



43, 3.613, 19.757



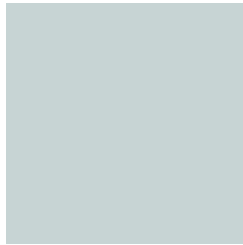
35, 77.338, 39.888



5, 22.000, 19.755

Previews

White Background



This preview shows how the CIELCh color 84, 4.631, 199.192 looks on a white background.

Color Contrast Check

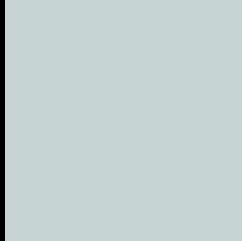
Large Text (above 18pt) WCAG AA × Fail

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 84, 4.631, 199.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

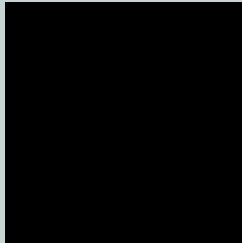
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

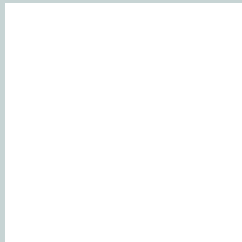
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 4.631, 199.192

Background



This preview shows how black text looks on a background with the CIELCh color 84, 4.631, 199.192.

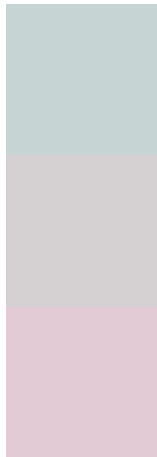


This preview shows how white text looks on a background with the CIELCh color 84, 4.631, 199.192.

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

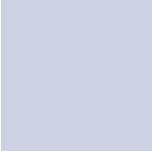
84, 4.631, 199.192

Protanopia

84, 2.115, 349.402

Deuteranopia

84, 10.523, 346.842



Tritanopia
84, 9.329, 273.654

Trichromacy



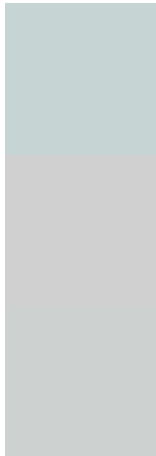
Original Color
84, 4.631, 199.192

Protanomaly
84, 0.891, 236.379

Deuteranomaly
84, 5.466, 337.273

Tritanomaly
84, 6.712, 259.261

Monochromacy



Original Color
84, 4.631, 199.192

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 1.883, 183.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 4.631, 199.192 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(199, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 212)  
}
```

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(199, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 4.631, 199.192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

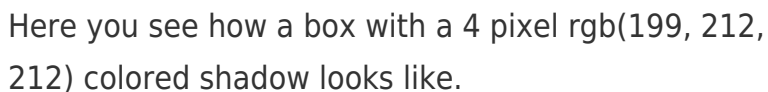
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 212, 212) }
```

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

```
.border{ border-color:rgb(199, 212, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 212, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 212, 212); box-shadow:4px 4px 4px 4px rgb(199, 212, 212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 4.631, 199.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 212) }
```

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

```
.background{ background-color: rgb(199,  
212, 212) }
```

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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