

Converting Colors

CIELCh(84, 10.493, 164.049)

Have a look what the booklet for
CIELCh(84, 10.493, 164.049)
contains.

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Color

CIELCh(84, 10.455, 165.030)

Conversions

Conversions Part 1

Format	Color
Hex	BFD7CC
RGB	191, 215, 204
RGB Percent	75%, 84%, 80%
CMY	0.2508, 0.1567, 0.1998
CMYK	0.11, 0.00, 0.05, 0.16
HSL	152°, 23%, 80%
HSV	152°, 11%, 84%
XYZ	56.7115, 64.0658, 66.5298
YIQ	206.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

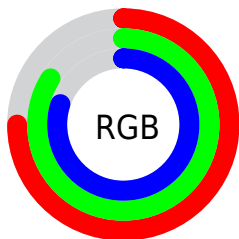
Format	Color
RYB	191, 207, 215
Decimal	12572620
CIELab	84.00, -10.10, 2.70
CIELCh	84, 10.455, 165.030
Yxy	64.0658, 0.3028, 0.3420
Android (android.graphics.Color)	4290762700 (0xFFBFD7CC)
YUV	206.5700, -1.2670, -13.6549
Hunter-Lab	80.0411, -13.5993, 6.7472

Details

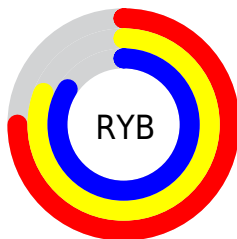
The CIELCh color **84, 10.455, 165.030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 10.641, 346.891**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **64, 10.403, 166.097** is the 20% darker color. If you saturate the color by 10%, you get **82, 19.762, 164.044**, and if you desaturate by 10%, it is **86, 1.082, 166.267**.

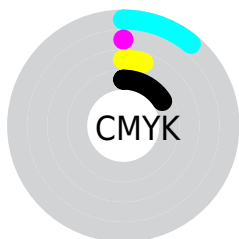
Distribution



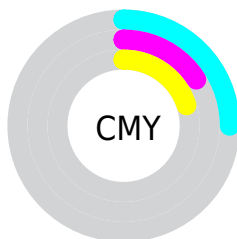
- Red (75%)
- Green (84%)
- Blue (80%)



- Red (75%)
- Yellow (81%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (25%)
- Magenta (16%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 10.455, 165.030 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, 10.455, 165.030 by changing the saturation by 10% instead.


 84, 10.455,
165.030


 84, 10.455,
165.030


 100, 10.455,
165.030


 74, 10.455,
165.030

 64, 10.455,
165.030

 54, 10.455,
165.030

 44, 10.455,
165.030

 34, 10.455,
165.030

 24, 10.455,
165.030

 14, 10.455,

165.030

■ 4, 10.455, 165.030

■ 0, 10.455, 165.030

■ 84, 10.455,
165.030

■ 84, 10.455,
165.030

■ 82, 19.762,
164.044

■ 86, 1.082, 166.267

■ 81, 28.872,
162.969

■ 88, 8.259, 346.601

■ 80, 37.640,
161.769

■ 90, 17.319,
346.977

■ 79, 45.907,
160.418

■ 90, 20.480,
334.891

■ 78, 53.519,

■ 90, 24.332,
326.447

158.892

90, 25.030,
325.296

77, 60.345,
157.166

77, 66.304,
155.228

76, 71.389,
153.079

76, 75.298,
151.081

Harmonies

Complementary

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



84, 10.455, 165.030



80, 10.641, 346.891

Rectangle

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



84, 10.455, 165.030



84, 10.455, 215.030



84, 10.455, 345.030



84, 10.455, 35.030

Sweetspot

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



84, 10.457, 165.026



99, 3.221, 165.856



84, 13.485, 129.749



53, 2.443, 165.754



0, 0.000, 0.000



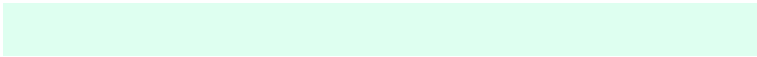
53, 0.007, 296.813

Same Dimension

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



84, 10.457, 165.026



97, 13.980, 164.838



84, 8.142, 201.873



44, 5.300, 165.192



62, 62.935, 151.478



14, 22.438, 156.551

Inverse Universe

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



80, 10.641, 346.891



91, 14.266, 347.081



80, 8.748, 22.811



42, 5.381, 346.723



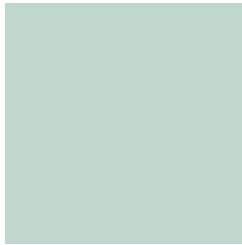
36, 62.545, 5.694



5, 23.148, 357.015

Previews

White Background



This preview shows how the CIELCh color 84, 10.455, 165.030 looks on a white background.

Color Contrast Check

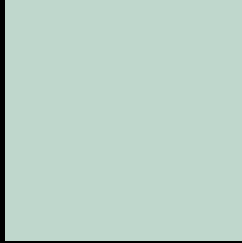
Large Text (above 18pt) WCAG AA × Fail

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, 10.455, 165.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

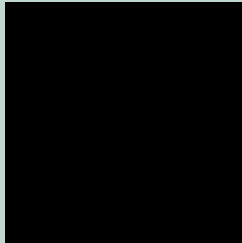
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

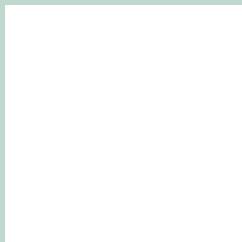
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 10.455, 165.030

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.455, 165.030.

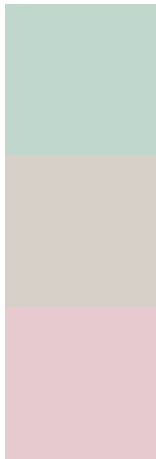


This preview shows how white text looks on a background with the CIELCh color 84, 10.455, 165.030.

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, 10.455, 165.030

Protanopia
84, 4.921, 78.002

Deuteranopia
84, 10.693, 6.001



Tritanopia
84, 10.396, 259.074

Trichromacy



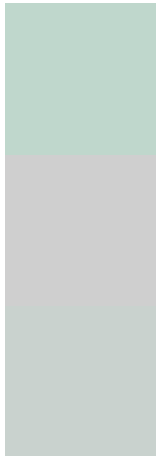
Original Color
84, 10.455, 165.030

Protanomaly
84, 5.581, 128.885

Deuteranomaly
84, 3.336, 28.540

Tritanomaly
84, 7.217, 229.939

Monochromacy



Original Color
84, 10.455, 165.030

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.897, 166.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.455, 165.030 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(191, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 204)  
}
```

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(191, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.455, 165.030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

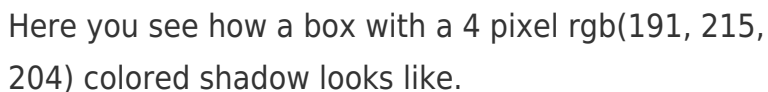
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 215, 204) }
```

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

```
.border{ border-color:rgb(191, 215, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 215, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(191, 215,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.455, 165.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 215, 204) }
```

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

```
.background{ background-color: rgb(191,  
215, 204) }
```

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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