

Converting Colors

CIELCh(84, 14.274, 167.304)

Have a look what the booklet for
CIELCh(84, 14.274, 167.304)
contains.

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Color

CIELCh(84, 14.286, 167.297)

Conversions

Conversions Part 1

Format	Color
Hex	B7D9CB
RGB	183, 217, 203
RGB Percent	72%, 85%, 80%
CMY	0.2820, 0.1487, 0.2036
CMYK	0.16, 0.00, 0.06, 0.15
HSL	155°, 31%, 78%
HSV	155°, 16%, 85%
XYZ	55.1751, 64.0658, 66.0128
YIQ	205.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

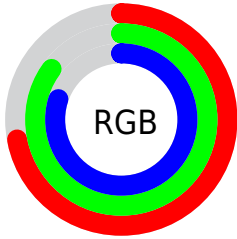
Format	Color
RYB	183, 204, 217
Decimal	12048843
CIELab	84.00, -13.94, 3.14
CIElCh	84, 14.286, 167.297
Yxy	64.0658, 0.2978, 0.3458
Android (android.graphics.Color)	4290238923 (0xFFB7D9CB)
YUV	205.2380, -1.1033, -19.5027
Hunter-Lab	80.0411, -17.0257, 7.1302

Details

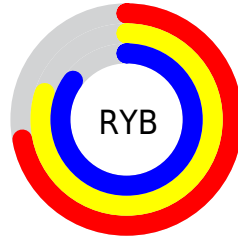
The CIELCh color $84, 14.286, 167.297$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $78, 14.712, 350.126$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.502, 199.177$, and $64, 14.112, 167.256$ is the 20% darker color. If you saturate the color by 10%, you get $82, 23.243, 166.255$, and if you desaturate by 10%, it is $86, 5.178, 168.286$.

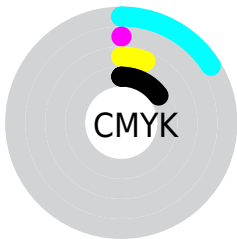
Distribution



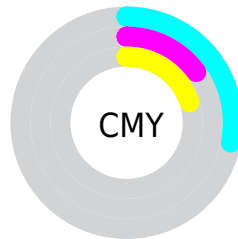
- Red (72%)
- Green (85%)
- Blue (80%)



- Red (72%)
- Yellow (80%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 14.286, 167.297 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, 14.286, 167.297 by changing the saturation by 10% instead.

 84, 14.286,
167.297

 84, 14.286,
167.297


 100, 14.286,
167.297


 74, 14.286,
167.297

 64, 14.286,
167.297

 54, 14.286,
167.297

 44, 14.286,
167.297

 34, 14.286,
167.297

 24, 14.286,
167.297

 14, 14.286,

167.297

■ 4, 14.286, 167.297

■ 0, 14.286, 167.297

■ 84, 14.286,
167.297

■ 84, 14.286,
167.297

■ 82, 23.243,
166.255

■ 86, 5.178, 168.286

■ 81, 31.909,
165.113

■ 88, 3.973, 348.937

■ 80, 40.135,
163.842

■ 90, 13.073,
349.814

■ 79, 47.766,
162.415

■ 90, 17.643,
341.037

■ 78, 54.662,

■ 91, 20.819,
331.102

160.808

91, 23.740,
325.251

78, 60.722,
158.998

77, 65.903,
156.974

77, 70.250,
154.748

77, 71.981,
153.775

Harmonies

Complementary

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



84, 14.286, 167.297



78, 14.712, 350.126

Rectangle

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



84, 14.286, 167.297



84, 14.286, 217.297



84, 14.286, 347.297



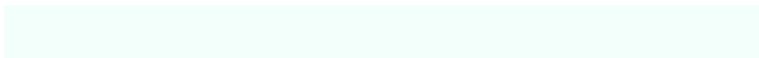
84, 14.286, 37.297

Sweetspot

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



84, 14.288, 167.294



99, 5.208, 168.352



84, 19.330, 131.252



53, 3.553, 168.276



0, 0.000, 0.000



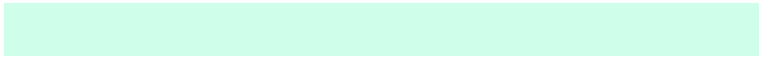
53, 0.007, 296.813

Same Dimension

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



84, 14.288, 167.294



96, 19.710, 166.939



84, 10.842, 206.664



45, 5.231, 167.907



63, 60.435, 154.157



16, 22.315, 158.868

Inverse Universe

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



78, 14.712, 350.126



88, 20.428, 350.500



78, 12.034, 27.491



43, 5.327, 349.491



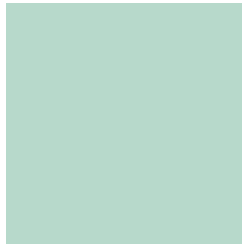
37, 63.375, 10.257



6, 24.365, 0.457

Previews

White Background



This preview shows how the CIELCh color 84, 14.286, 167.297 looks on a white background.

Color Contrast Check

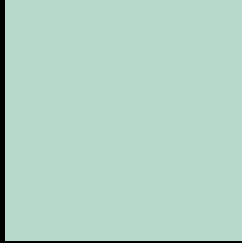
Large Text (above 18pt) WCAG AA × Fail

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, 14.286, 167.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

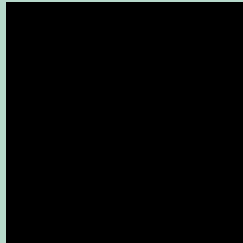
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

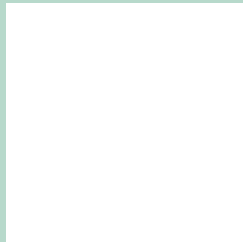
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 14.286, 167.297

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.286, 167.297.

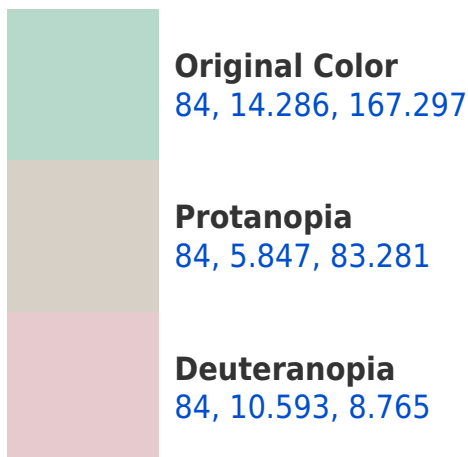


This preview shows how white text looks on a background with the CIELCh color 84, 14.286, 167.297.

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](#).

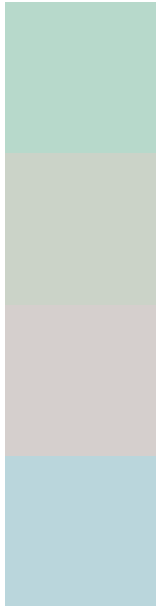
Dichromacy





Tritanopia
84, 12.150, 246.767

Trichromacy



Original Color
84, 14.286, 167.297

Protanomaly
84, 6.512, 136.400

Deuteranomaly
84, 2.425, 45.025

Tritanomaly
84, 10.085, 217.171

Monochromacy



Original Color
84, 14.286, 167.297

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 5.106, 167.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.286, 167.297 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(183, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(183, 217, 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(183, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 217, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.286, 167.297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

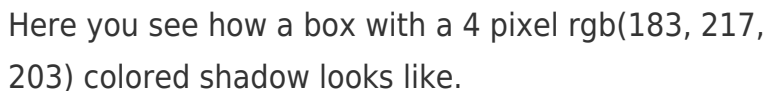
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 217, 203) }
```

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

```
.border{ border-color:rgb(183, 217, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 217, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 217, 203); box-shadow:4px 4px 4px 4px rgb(183, 217, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.286, 167.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 217, 203) }
```

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

```
.background{ background-color: rgb(183,  
217, 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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