

Converting Colors

CIELCh(84, 12.342, 178.122)

Have a look what the booklet for
CIELCh(84, 12.342, 178.122)
contains.

CIELCh(84, 12.133, 178.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 12.133, 178.184)

Conversions

Conversions Part 1

Format	Color
Hex	B8D8D0
RGB	184, 216, 208
RGB Percent	72%, 85%, 82%
CMY	0.2773, 0.1517, 0.1831
CMYK	0.15, 0.00, 0.04, 0.15
HSL	165°, 29%, 79%
HSV	165°, 15%, 85%
XYZ	55.8963, 64.0658, 69.2911
YIQ	205.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

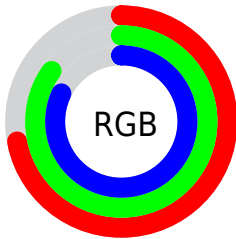
Format	Color
RYB	184, 202, 216
Decimal	12114128
CIELab	84.00, -12.13, 0.38
CIELCh	84, 12.133, 178.184
Yxy	64.0658, 0.2954, 0.3385
Android (android.graphics.Color)	4290304208 (0xFFB8D8D0)
YUV	205.5200, 1.2226, -18.8730
Hunter-Lab	80.0411, -15.4173, 4.7018

Details

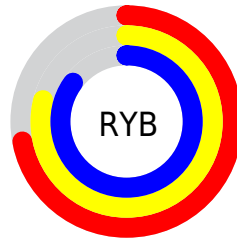
The CIELCh color **84, 12.133, 178.184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 12.761, 0.940**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **64, 11.845, 179.079** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.028, 177.159**, and if you desaturate by 10%, it is **86, 3.973, 179.208**.

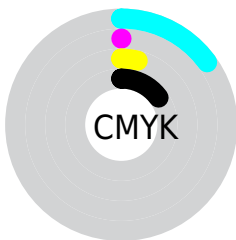
Distribution



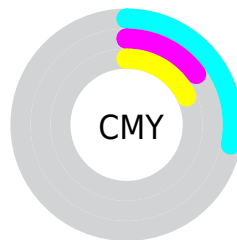
- Red (72%)
- Green (85%)
- Blue (82%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)




- Cyan (28%)
- Magenta (15%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 12.133, 178.184 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, 12.133, 178.184 by changing the saturation by 10% instead.

 84, 12.133,
178.184

 84, 12.133,
178.184


 100, 12.133,
178.184


 74, 12.133,
178.184


 64, 12.133,
178.184

 54, 12.133,
178.184

 44, 12.133,
178.184

 34, 12.133,
178.184

 24, 12.133,
178.184

 14, 12.133,

178.184

■ 4, 12.133, 178.184

■ 0, 12.133, 178.184

■ 84, 12.133,
178.184

■ 84, 12.133,
178.184

■ 83, 20.028,
177.159

■ 86, 3.973, 179.208

■ 81, 27.523,
176.073

■ 87, 4.344, 359.845

■ 80, 34.480,
174.899

■ 89, 12.720, 0.771

■ 79, 40.762,
173.613

■ 90, 15.698,
353.885

■ 79, 46.250,

■ 90, 17.057,
345.372

172.190

90, 18.749,
338.291

78, 50.863,
170.607

90, 20.690,
332.500

78, 54.579,
168.842

91, 22.817,
327.786

77, 57.456,
166.887

91, 24.233,
325.268

77, 58.744,
165.837

Harmonies

Complementary

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



84, 12.133, 178.184



78, 12.761, 0.940

Rectangle

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



84, 12.133, 178.184



84, 12.133, 228.184



84, 12.133, 358.184



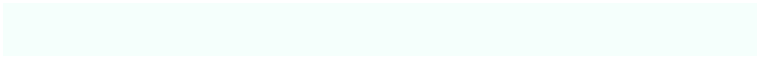
84, 12.133, 48.184

Sweetspot

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



84, 12.134, 178.178



99, 3.786, 179.302



84, 18.989, 136.119



53, 2.690, 179.208



0, 0.000, 0.000



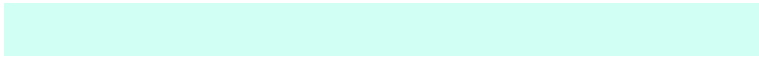
53, 0.007, 296.813

Same Dimension

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



84, 12.134, 178.178



97, 16.792, 177.840



82, 9.290, 224.193



44, 4.644, 178.716



62, 49.015, 166.198



15, 18.137, 170.512

Inverse Universe

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



78, 12.761, 0.940



88, 17.871, 1.330



79, 10.186, 42.873



42, 4.796, 0.344



36, 66.550, 25.104



5, 22.145, 8.648

Previews

White Background



This preview shows how the CIELCh color 84, 12.133, 178.184 looks on a white background.

Color Contrast Check

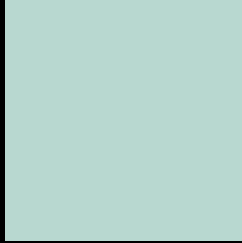
Large Text (above 18pt) WCAG AA × Fail

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, 12.133, 178.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

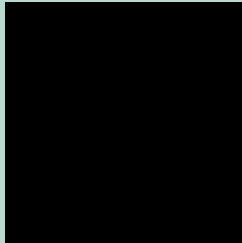
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

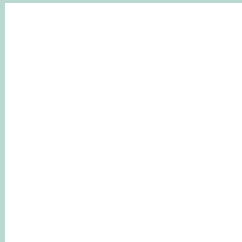
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 12.133, 178.184

Background



This preview shows how black text looks on a background with the CIELCh color 84, 12.133, 178.184.



This preview shows how white text looks on a background with the CIELCh color 84, 12.133, 178.184.

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, 12.133, 178.184

Protanomaly
84, 3.936, 157.306

Deuteranomaly
84, 2.427, 338.647

Tritanomaly
84, 10.098, 223.645

Monochromacy



Original Color
84, 12.133, 178.184

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.616, 179.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 12.133, 178.184 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(184, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(184, 216, 208)  
}
```

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(184, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 12.133, 178.184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

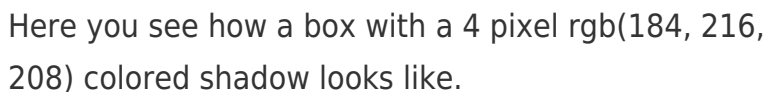
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 216, 208) }
```

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

```
.border{ border-color:rgb(184, 216, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 12.133, 178.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 216, 208) }
```

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

```
.background{ background-color: rgb(184,  
216, 208) }
```

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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