

Converting Colors

CIELCh(84, 11.225, 193.239)

Have a look what the booklet for
CIELCh(84, 11.225, 193.239)
contains.

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Color

CIELCh(84, 11.225, 193.239)

Conversions

Conversions Part 1

Format	Color
Hex	B8D8D6
RGB	184, 216, 214
RGB Percent	72%, 85%, 84%
CMY	0.2789, 0.1534, 0.1613
CMYK	0.15, 0.00, 0.01, 0.15
HSL	176°, 29%, 78%
HSV	176°, 15%, 85%
XYZ	56.3781, 64.0658, 72.9237
YIQ	206.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

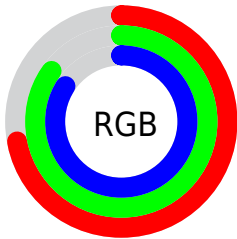
Format	Color
RYB	184, 201, 216
Decimal	12114134
CIELab	84.00, -10.93, -2.57
CIElCh	84, 11.225, 193.239
Yxy	64.0658, 0.2916, 0.3313
Android (android.graphics.Color)	4290304214 (0xFFB8D8D6)
YUV	206.2040, 3.8434, -19.4729
Hunter-Lab	80.0411, -14.3428, 2.0109

Details

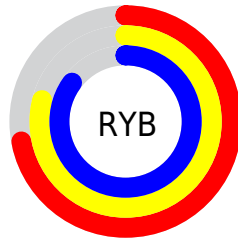
The CIELCh color **84, 11.225, 193.239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 12.212, 15.381**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **64, 11.029, 192.632** is the 20% darker color. If you saturate the color by 10%, you get **83, 18.282, 192.524**, and if you desaturate by 10%, it is **86, 3.733, 194.029**.

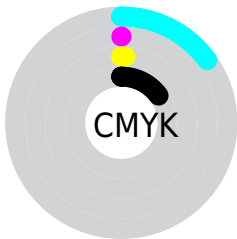
Distribution



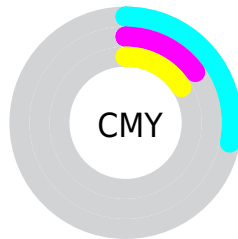
- Red (72%)
- Green (85%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




- Cyan (28%)
- Magenta (15%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 11.225, 193.239 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, 11.225, 193.239 by changing the saturation by 10% instead.


 84, 11.225,
193.239

 84, 11.225,
193.239


 100, 11.225,
193.239


 74, 11.225,
193.239


 64, 11.225,
193.239

 54, 11.225,
193.239

 44, 11.225,
193.239

 34, 11.225,
193.239

 24, 11.225,
193.239

 14, 11.225,

193.239

■ 4, 11.225, 193.239

■ 0, 11.225, 193.239

■ 84, 11.225,
193.239

■ 84, 11.225,
193.239

■ 83, 18.282,
192.524

■ 86, 3.733, 194.029

■ 82, 24.772,
191.836

■ 87, 4.080, 14.434

■ 81, 30.569,
191.157

■ 89, 12.108, 15.231

■ 80, 35.554,
190.480

■ 90, 14.532, 13.514

■ 79, 39.634,

■ 90, 14.600, 10.791

■ 90, 14.701, 8.100

189.797

90, 14.836, 5.453

79, 42.757,
189.094

90, 15.004, 2.861

78, 44.929,
188.359

90, 15.202, 0.332

78, 46.224,
187.577

78, 46.675,
187.159

Harmonies

Complementary

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



84, 11.225, 193.239



77, 12.212, 15.381

Rectangle

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



84, 11.225, 193.239



84, 11.225, 243.239



84, 11.225, 13.239



84, 11.225, 63.239

Sweetspot

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



84, 11.226, 193.231



99, 3.549, 194.113



83, 20.213, 141.821



53, 2.519, 194.031



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, 11.226, 193.231



97, 15.470, 192.991



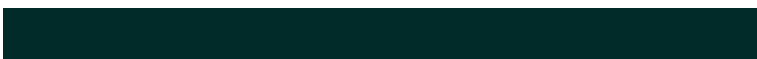
80, 9.568, 249.784



44, 4.325, 193.634



63, 39.168, 187.297



15, 15.191, 188.882

Inverse Universe

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



77, 12.212, 15.381



88, 17.175, 15.720



81, 10.097, 66.195



42, 4.558, 14.867



35, 74.789, 37.332



5, 21.965, 16.976

Previews

White Background



This preview shows how the CIE LCh color 84, 11.225, 193.239 looks on a white background.

Color Contrast Check

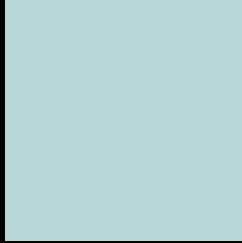
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 11.225, 193.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

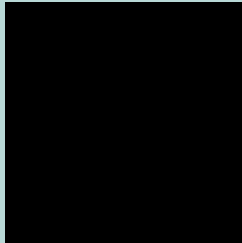
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

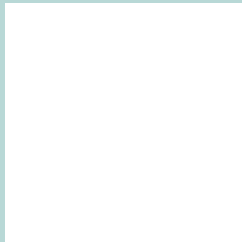
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 11.225, 193.239

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.225, 193.239.



This preview shows how white text looks on a background with the CIELCh color 84, 11.225, 193.239.

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, 11.225, 193.239

Protanopia

84, 1.902, 3.180

Deuteranopia

84, 11.171, 338.960



Tritanopia
84, 12.371, 245.642

Trichromacy



Original Color
84, 11.225, 193.239

Protanomaly
84, 3.222, 199.348

Deuteranomaly
84, 4.376, 304.758

Tritanomaly
84, 10.805, 228.185

Monochromacy



Original Color
84, 11.225, 193.239

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.336, 192.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.225, 193.239 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 216, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.225, 193.239 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, 214) }
```

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

```
.border{ border-color:rgb(184, 216, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.225, 193.239 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, 214) }
```

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

```
.background{ background-color: rgb(184,  
216, 214) }
```

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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