

Converting Colors

CIELCh(84, 14.253, 201.520)

Have a look what the booklet for
CIELCh(84, 14.253, 201.520)
contains.

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Color

CIELCh(84, 13.991, 202.814)

Conversions

Conversions Part 1

Format	Color
Hex	B0D9DB
RGB	176, 217, 219
RGB Percent	69%, 85%, 86%
CMY	0.3093, 0.1485, 0.1406
CMYK	0.20, 0.01, 0.00, 0.14
HSL	183°, 37%, 78%
HSV	183°, 20%, 86%
XYZ	55.5888, 64.0658, 76.5506
YIQ	204.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

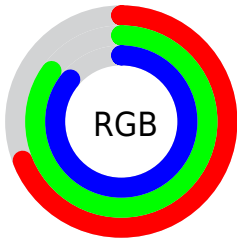
Format	Color
R _{YB}	176, 197, 219
Decimal	11590107
CIE Lab	84.00, -12.90, -5.42
CIE LCh	84, 13.991, 202.814
Yxy	64.0658, 0.2833, 0.3265
Android (android.graphics.Color)	4289780187 (0xFFB0D9DB)
YUV	204.9690, 6.9173, -25.4058
Hunter-Lab	80.0411, -16.1031, -0.6757

Details

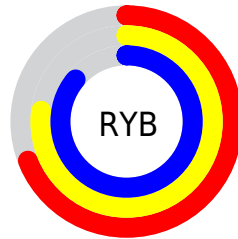
The CIELCh color **84, 13.991, 202.814** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 15.963, 24.518**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **64, 13.815, 202.904** is the 20% darker color. If you saturate the color by 10%, you get **82, 20.376, 202.541**, and if you desaturate by 10%, it is **86, 7.066, 203.175**.

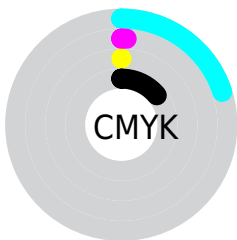
Distribution



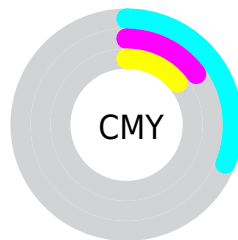
- Red (69%)
- Green (85%)
- Blue (86%)



- Red (69%)
- Yellow (77%)
- Blue (86%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)





- Cyan (31%)
- Magenta (15%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.991, 202.814 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, 13.991, 202.814 by changing the saturation by 10% instead.


 84, 13.991,
202.814


 84, 13.991,
202.814


 100, 13.991,
202.814


 74, 13.991,
202.814

 64, 13.991,
202.814

 54, 13.991,
202.814

 44, 13.991,
202.814

 34, 13.991,
202.814

 24, 13.991,
202.814

 14, 13.991,

202.814

■ 4, 13.991, 202.814

■ 0, 13.991, 202.814

■ 84, 13.991,
202.814

■ 84, 13.991,
202.814

■ 82, 20.376,
202.541

■ 86, 7.066, 203.175

■ 81, 26.097,
202.371

■ 88, 0.284, 21.379

■ 90, 7.950, 23.832

■ 80, 31.035,
202.310

■ 91, 12.519, 25.124

■ 79, 35.089,
202.372

■ 91, 12.205, 27.680

■ 91, 11.916, 30.365

■ 78, 38.190,

202.573

92, 11.656, 33.177

77, 40.318,
202.928

92, 11.425, 36.110

77, 41.514,
203.447

92, 11.227, 39.154

77, 41.960,
204.117

77, 41.972,
204.143

Harmonies

Complementary

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



84, 13.991, 202.814



76, 15.963, 24.518

Rectangle

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



84, 13.991, 202.814



84, 13.991, 252.814



84, 13.991, 22.814



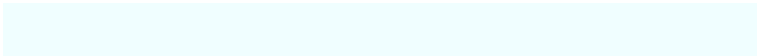
84, 13.991, 72.814

Sweetspot

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



84, 13.992, 202.807



99, 5.027, 203.355



84, 27.107, 144.078



53, 3.329, 203.317



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, 13.992, 202.807



95, 19.051, 202.674



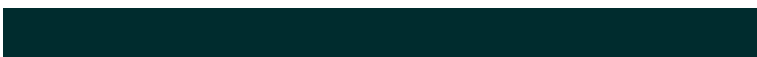
78, 13.858, 261.811



45, 4.172, 203.183



62, 35.276, 204.013



15, 14.308, 202.624

Inverse Universe

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



77, 26.891, 326.799



85, 37.199, 327.059



81, 14.438, 76.435



43, 7.752, 326.214



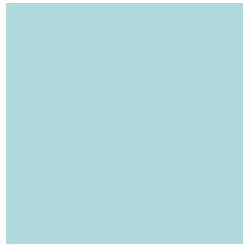
41, 83.469, 330.159



7, 33.460, 329.744

Previews

White Background



This preview shows how the CIE LCh color 84, 13.991, 202.814 looks on a white background.

Color Contrast Check

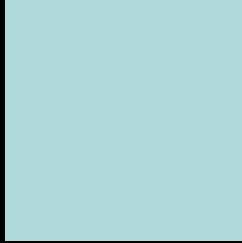
Large Text (above 18pt) WCAG AA × Fail

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, 13.991, 202.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

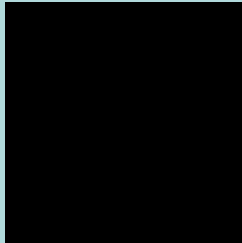
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

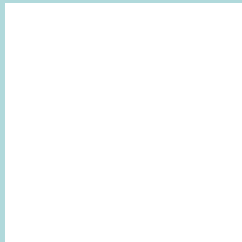
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 13.991, 202.814

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.991, 202.814.

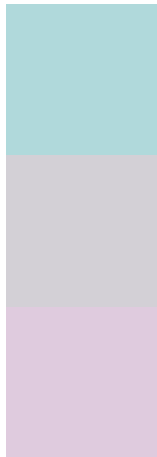


This preview shows how white text looks on a background with the CIELCh color 84, 13.991, 202.814.

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](#).

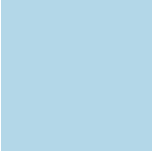
Dichromacy



Original Color
84, 13.991, 202.814

Protanopia
84, 3.365, 309.153

Deuteranopia
84, 12.382, 326.288



Tritanopia
84, 14.729, 236.440

Trichromacy



Original Color
84, 13.991, 202.814

Protanomaly
84, 5.248, 229.450

Deuteranomaly
84, 6.890, 284.906

Tritanomaly
84, 13.861, 223.491

Monochromacy



Original Color
84, 13.991, 202.814

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 5.002, 205.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.991, 202.814 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(176, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(176, 217, 219)  
}
```

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(176, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 217, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.991, 202.814 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(176, 217, 219) }
```

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

```
.border{ border-color:rgb(176, 217, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 217, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 217, 219); box-shadow:4px 4px 4px 4px rgb(176, 217, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.991, 202.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 217, 219) }
```

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

```
.background{ background-color: rgb(176,  
217, 219) }
```

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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