

Converting Colors

CIELCh(84, 10.876, 223.999)

Have a look what the booklet for
CIELCh(84, 10.876, 223.999)
contains.

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Color

CIELCh(84, 10.995, 221.431)

Conversions

Conversions Part 1

Format	Color
Hex	B9D7DF
RGB	185, 215, 223
RGB Percent	73%, 84%, 87%
CMY	0.2755, 0.1579, 0.1265
CMYK	0.17, 0.04, 0.00, 0.13
HSL	193°, 37%, 80%
HSV	193°, 17%, 87%
XYZ	57.4653, 64.0658, 78.9655
YIQ	206.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

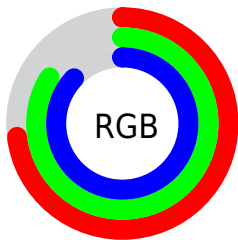
Format	Color
RYB	185, 202, 223
Decimal	12179423
CIELab	84.00, -8.24, -7.28
CIELCh	84, 10.995, 221.431
Yxy	64.0658, 0.2866, 0.3195
Android (android.graphics.Color)	4290369503 (0xFFB9D7DF)
YUV	206.9420, 7.9166, -19.2431
Hunter-Lab	80.0411, -11.9184, -2.4645

Details

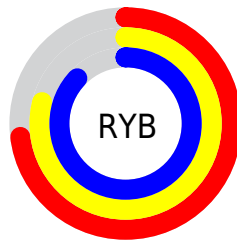
The CIELCh color **84, 10.995, 221.431** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 12.276, 40.301**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **64, 11.106, 222.418** is the 20% darker color. If you saturate the color by 10%, you get **81, 16.896, 222.039**, and if you desaturate by 10%, it is **87, 4.671, 221.044**.

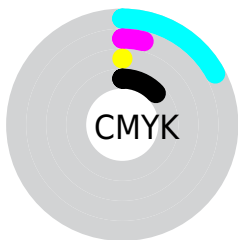
Distribution



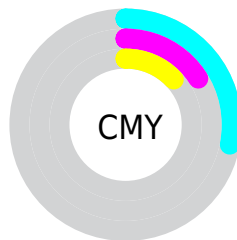
- Red (73%)
- Green (84%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)





- Cyan (28%)
- Magenta (16%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 10.995, 221.431 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, 10.995, 221.431 by changing the saturation by 10% instead.


 84, 10.995,
221.431


 84, 10.995,
221.431


 100, 10.995,
221.431


 74, 10.995,
221.431

 64, 10.995,
221.431

 54, 10.995,
221.431

 44, 10.995,
221.431

 34, 10.995,
221.431

 24, 10.995,
221.431

 14, 10.995,

221.431

■ 4, 10.995, 221.431

■ 0, 10.995, 221.431

■ 84, 10.995,
221.431

■ 84, 10.995,
221.431

■ 81, 16.896,
222.039

■ 87, 4.671, 221.044

■ 79, 22.275,
222.906

■ 90, 1.987, 40.321

■ 77, 27.032,
224.077

■ 93, 8.899, 40.360

■ 74, 31.078,
225.625

■ 94, 9.629, 54.644

■ 72, 34.346,

■ 95, 10.018, 71.508

■ 96, 11.180, 85.913

227.634

97, 12.901, 96.990

70, 36.819,
230.191

99, 14.983,
105.175

69, 38.546,
233.375

99, 16.317,
108.944

67, 39.671,
237.210

67, 39.968,
238.392

Harmonies

Complementary

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



84, 10.995, 221.431



80, 12.276, 40.301

Rectangle

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



84, 10.995, 221.431



84, 10.995, 271.431



84, 10.995, 41.431



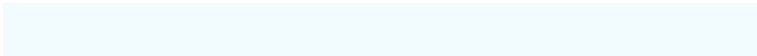
84, 10.995, 91.431

Sweetspot

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



84, 10.995, 221.421



98, 3.711, 221.022



85, 21.199, 149.365



52, 2.528, 221.025



0, 0.000, 0.000



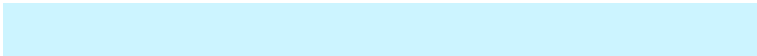
53, 0.007, 296.813

Same Dimension

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



84, 10.995, 221.421



94, 14.255, 221.588



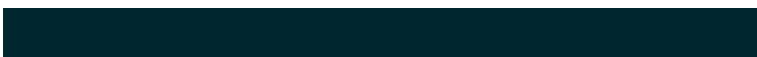
79, 14.630, 276.043



46, 3.759, 221.106



54, 33.442, 237.676



13, 13.554, 230.228

Inverse Universe

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



79, 21.123, 331.968



87, 27.668, 332.176



85, 14.586, 91.572



44, 7.044, 331.461



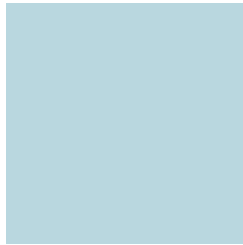
40, 74.384, 338.753



7, 31.159, 336.697

Previews

White Background



This preview shows how the CIE LCh color 84, 10.995, 221.431 looks on a white background.

Color Contrast Check

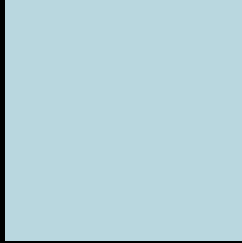
Large Text (above 18pt) WCAG AA × Fail

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, 10.995, 221.431 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

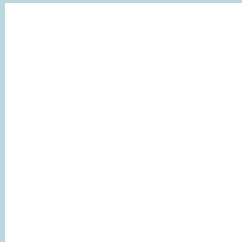
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 10.995, 221.431

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.995, 221.431.



This preview shows how white text looks on a background with the CIELCh color 84, 10.995, 221.431.

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](#).

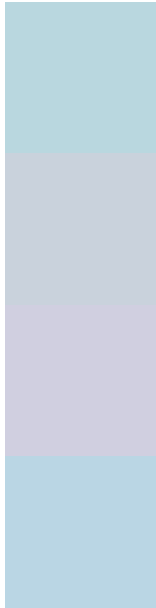
Dichromacy





Tritanopia
84, 12.816, 243.508

Trichromacy



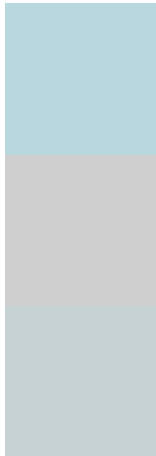
Original Color
84, 10.995, 221.431

Protanomaly
84, 6.098, 259.411

Deuteranomaly
84, 8.995, 293.193

Tritanomaly
84, 11.857, 237.568

Monochromacy



Original Color
84, 10.995, 221.431

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.193, 221.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.995, 221.431 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(185, 215, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 223)  
}
```

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(185, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.995, 221.431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

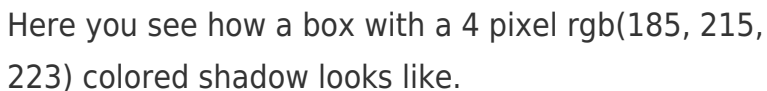
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 215, 223) }
```

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

```
.border{ border-color:rgb(185, 215, 223) }
```

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



Here you see how a box with a 4 pixel rgb(185, 215, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.995, 221.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 223) }
```

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

```
.background{ background-color: rgb(185,  
215, 223) }
```

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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