

Converting Colors

CIECh(84, 13.200, 144.730)

Have a look what the booklet for
CIELCh(84, 13.200, 144.730)
contains.

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Color

CIELCh(84, 13.096, 145.177)

Conversions

Conversions Part 1

Format	Color
Hex	C2D7C3
RGB	194, 215, 195
RGB Percent	76%, 84%, 76%
CMY	0.2389, 0.1565, 0.2350
CMYK	0.10, 0.00, 0.09, 0.16
HSL	123°, 21%, 80%
HSV	123°, 10%, 84%
XYZ	56.4490, 64.0658, 61.0677
YIQ	206.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

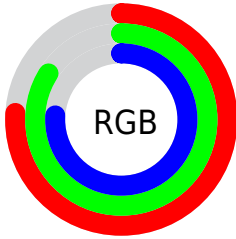
Format	Color
RYB	194, 214, 215
Decimal	12769219
CIELab	84.00, -10.75, 7.48
CIELCh	84, 13.096, 145.177
Yxy	64.0658, 0.3109, 0.3528
Android (android.graphics.Color)	4290959299 (0xFFC2D7C3)
YUV	206.4410, -5.6404, -10.9108
Hunter-Lab	80.0411, -14.1848, 10.7932

Details

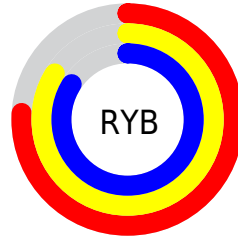
The CIELCh color **84, 13.096, 145.177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 13.120, 326.266**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.072, 152.425**, and **64, 13.175, 145.075** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.630, 144.462**, and if you desaturate by 10%, it is **86, 0.321, 324.868**.

Distribution



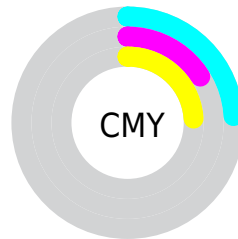
- Red (76%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.096, 145.177 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, 13.096, 145.177 by changing the saturation by 10% instead.


 84, 13.096,
145.177

 84, 13.096,
145.177


 100, 13.096,
145.177


 74, 13.096,
145.177


 64, 13.096,
145.177

 54, 13.096,
145.177

 44, 13.096,
145.177

 34, 13.096,
145.177

 24, 13.096,
145.177

 14, 13.096,

145.177

■ 4, 13.096, 145.177

■ 0, 13.096, 145.177

■ 84, 13.096,
145.177

■ 84, 13.096,
145.177

■ 82, 26.630,
144.462

■ 86, 0.321, 324.868

■ 80, 40.090,
143.634

■ 88, 13.495,
326.241

■ 79, 53.233,
142.678

■ 90, 25.005,
325.295

■ 78, 65.748,
141.594

■ 77, 77.256,

140.403

■ 76, 87.319,
139.164

■ 76, 95.459,
137.977

■ 75, 101.233,
136.980

■ 75, 104.472,
136.342

Harmonies

Complementary

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



84, 13.096, 145.177



81, 13.120, 326.266

Rectangle

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



84, 13.096, 145.177



84, 13.096, 195.177



84, 13.096, 325.177



84, 13.096, 15.177

Sweetspot

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



84, 13.098, 145.177



99, 4.590, 145.640



85, 10.984, 110.599



53, 3.483, 145.577



0, 0.000, 0.000



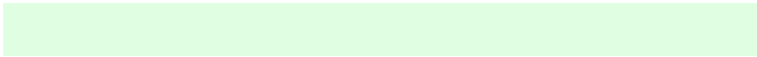
53, 0.007, 296.813

Same Dimension

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



84, 13.098, 145.177



97, 18.505, 145.017



84, 9.205, 164.695



44, 7.585, 145.200



61, 87.816, 136.439



14, 31.397, 141.874

Inverse Universe

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



81, 13.120, 326.266



93, 18.532, 326.403



80, 9.344, 346.283



42, 7.597, 326.246



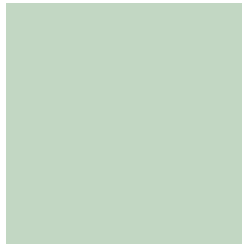
40, 82.486, 330.209



6, 31.834, 329.638

Previews

White Background



This preview shows how the CIELCh color 84, 13.096, 145.177 looks on a white background.

Color Contrast Check

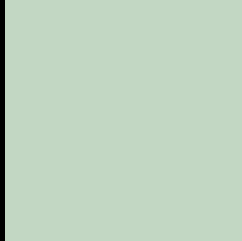
Large Text (above 18pt) WCAG AA × Fail

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, 13.096, 145.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

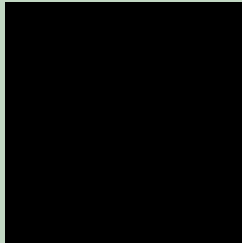
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

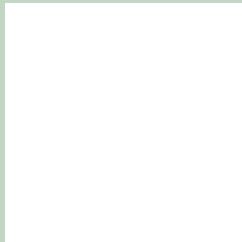
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 13.096, 145.177

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.096, 145.177.

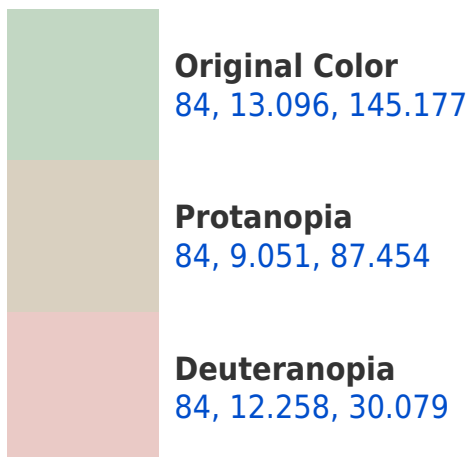


This preview shows how white text looks on a background with the CIELCh color 84, 13.096, 145.177.

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, 9.661, 267.789

Trichromacy



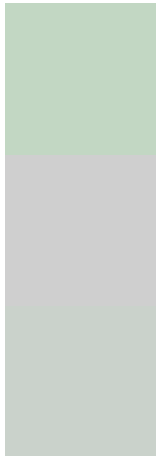
Original Color
84, 13.096, 145.177

Protanomaly
84, 9.481, 113.866

Deuteranomaly
84, 6.894, 69.125

Tritanomaly
84, 5.501, 215.890

Monochromacy



Original Color
84, 13.096, 145.177

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.722, 147.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.096, 145.177 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(194, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 195)  
}
```

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(194, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.096, 145.177 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(194, 215, 195) }
```

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

```
.border{ border-color:rgb(194, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 215, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 215, 195); box-shadow:4px 4px 4px 4px rgb(194, 215, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.096, 145.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 195) }
```

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

```
.background{ background-color: rgb(194,  
215, 195) }
```

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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