

Converting Colors

CIELCh(84, 1.741, 114.980)

Have a look what the booklet for
CIELCh(84, 1.741, 114.980) contains.

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Color

CIELCh(84, 2.131, 119.808)

Conversions

Conversions Part 1

Format	Color
Hex	D1D2CE
RGB	209, 210, 206
RGB Percent	82%, 82%, 81%
CMY	0.1806, 0.1767, 0.1924
CMYK	0.00, 0.00, 0.02, 0.18
HSL	75°, 4%, 82%
HSV	75°, 2%, 82%
XYZ	60.4447, 64.0658, 67.5364
YIQ	209.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

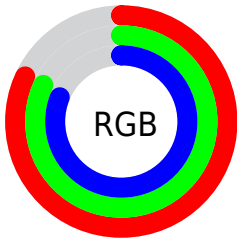
Format	Color
R _{YB}	206, 210, 207
Decimal	13750990
CIE Lab	84.00, -1.06, 1.85
CIE LCh	84, 2.131, 119.808
Yxy	64.0658, 0.3147, 0.3336
Android (android.graphics.Color)	4291941070 (0xFFD1D2CE)
YUV	209.2450, -1.5998, -0.2149
Hunter-Lab	80.0411, -5.2738, 6.0016

Details

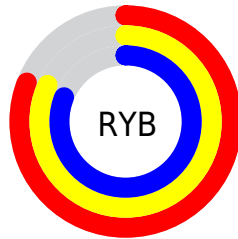
The CIELCh color **84, 2.131, 119.808** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 2.161, 300.039**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 2.254, 119.767** is the 20% darker color. If you saturate the color by 10%, you get **83, 13.360, 119.202**, and if you desaturate by 10%, it is **85, 9.098, 300.414**.

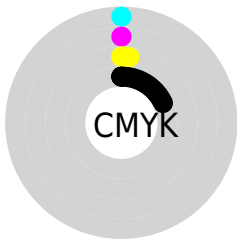
Distribution



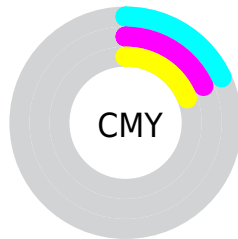
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (81%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 2.131, 119.808 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, 2.131, 119.808 by changing the saturation by 10% instead.



84, 2.131, 119.808

84, 2.131, 119.808

83, 13.360,
119.202

85, 9.098, 300.414

82, 24.521,
118.566

86, 20.289,
300.982

82, 35.524,
117.934

87, 24.259,
303.923

81, 46.237,
117.332

87, 24.687,
308.010

80, 56.458,
116.800

87, 25.233,
311.980

80, 65.886,
116.395

88, 25.893,
315.805

79, 74.104,
116.200

88, 26.661,
319.461

79, 80.603,
116.314

89, 27.528,
322.932

■ 78, 84.946,
116.834

■ 89, 28.240,
325.408

Harmonies

Complementary

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



84, 2.131, 119.808



83, 2.161, 300.039

Rectangle

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



84, 2.131, 119.808



84, 2.131, 169.808



84, 2.131, 299.808



84, 2.131, 349.808

Sweetspot

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



84, 2.133, 119.835



100, 1.304, 119.903



83, 1.207, 44.881



53, 0.741, 119.908



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, 2.133, 119.835



100, 2.620, 119.827



84, 2.377, 137.299



44, 1.265, 119.837



64, 73.777, 117.322



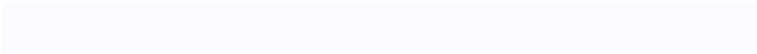
15, 24.246, 118.754

Inverse Universe

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



83, 2.161, 300.039



98, 2.653, 300.047



83, 2.399, 317.291



43, 1.281, 300.037



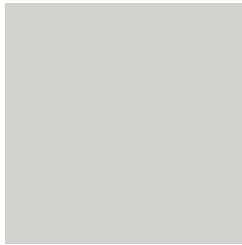
21, 95.809, 307.799



2, 25.869, 299.526

Previews

White Background



This preview shows how the CIELCh color 84, 2.131, 119.808 looks on a white background.

Color Contrast Check

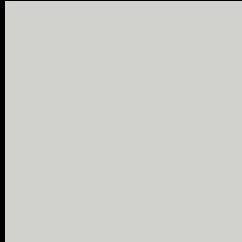
Large Text (above 18pt) WCAG AA × Fail

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, 2.131, 119.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

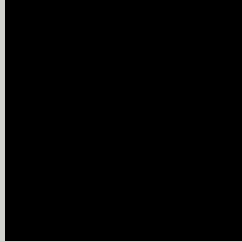
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

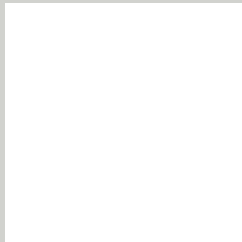
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 2.131, 119.808

Background



This preview shows how black text looks on a background with the CIELCh color 84, 2.131, 119.808.

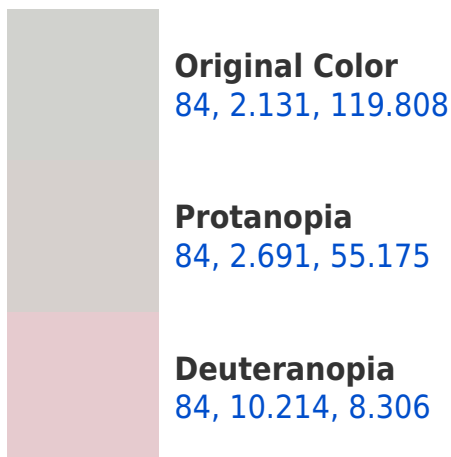


This preview shows how white text looks on a background with the CIELCh color 84, 2.131, 119.808.

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](#).

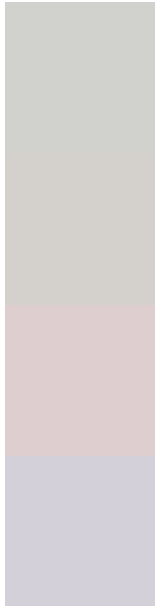
Dichromacy





Tritanopia
84, 9.176, 302.026

Trichromacy



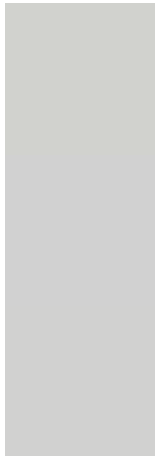
Original Color
84, 2.131, 119.808

Protanomaly
84, 2.356, 82.187

Deuteranomaly
84, 5.913, 14.668

Tritanomaly
84, 4.889, 303.260

Monochromacy



Original Color
84, 2.131, 119.808

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.517, 110.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 2.131, 119.808 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(209, 210, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 206)  
}
```

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(209, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 2.131, 119.808 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(209, 210, 206) }
```

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

```
.border{ border-color:rgb(209, 210, 206) }
```

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

Here you see how a box with a 4 pixel rgb(209, 210, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 2.131, 119.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 206) }
```

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

```
.background{ background-color: rgb(209,  
210, 206) }
```

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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