

Converting Colors

CIELCh(84, 5.813, 120.241)

Have a look what the booklet for
CIELCh(84, 5.813, 120.241) contains.

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Color

CIELCh(84, 5.889, 120.472)

Conversions

Conversions Part 1	
Format	Color
Hex	D0D3C8
RGB	208, 211, 200
RGB Percent	82%, 83%, 78%
CMY	0.1849, 0.1731, 0.2163
CMYK	0.01, 0.00, 0.05, 0.17
HSL	76°, 11%, 81%
HSV	76°, 5%, 83%
XYZ	59.6357, 64.0658, 63.7757
YIQ	208.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

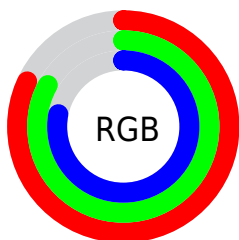
Format	Color
RYB	200, 211, 203
Decimal	13685704
CIELab	84.00, -2.99, 5.08
CIELCh	84, 5.889, 120.472
Yxy	64.0658, 0.3181, 0.3417
Android (android.graphics.Color)	4291875784 (0xFFD0D3C8)
YUV	208.8490, -4.3626, -0.7446
Hunter-Lab	80.0411, -7.0782, 8.7873

Details

The CIELCh color **84, 5.889, 120.472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 5.967, 301.092**, 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, 6.223, 120.372** is the 20% darker color. If you saturate the color by 10%, you get **83, 17.180, 119.873**, and if you desaturate by 10%, it is **85, 5.416, 301.051**.

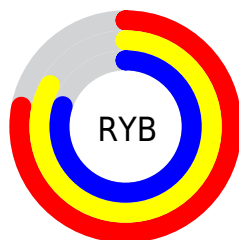
Distribution



Red (82%)

Green (83%)

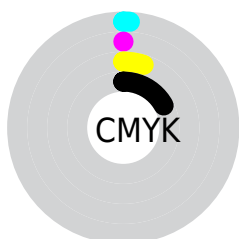
Blue (78%)



Red (78%)

Yellow (83%)

Blue (80%)

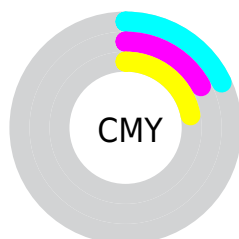


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (17%)



Cyan (18%)

Magenta (17%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 5.889, 120.472 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, 5.889, 120.472 by changing the saturation by 10% instead.

 84, 5.889, 120.472

 84, 5.889, 120.472

 100, 5.889,
120.472

 74, 5.889, 120.472

 64, 5.889, 120.472

 54, 5.889, 120.472

 44, 5.889, 120.472

 34, 5.889, 120.472

 24, 5.889, 120.472


 14, 5.889, 120.472

 4, 5.889, 120.472


 0, 5.889, 120.472

 84, 5.889, 120.472


 84, 5.889, 120.472

 83, 17.180,
119.873


 85, 5.416, 301.051


 82, 28.381,
119.258


 86, 16.691,
301.609

 81, 39.389,
118.654


 87, 23.740,
303.719


 81, 50.051,
118.092

 87, 24.212,
308.283


 80, 60.134,
117.616


 88, 24.828,
312.697

 80, 69.302,
117.296

 88, 25.582,
316.922

 79, 77.097,
117.222

 89, 26.464,
320.927

 79, 83.008,
117.502

 89, 27.466,
324.697

 78, 86.684,
118.223

 89, 27.669,
325.388

Harmonies

Complementary

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



84, 5.889, 120.472



81, 5.967, 301.092

Rectangle

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



84, 5.889, 120.472



84, 5.889, 170.472



84, 5.889, 300.472



84, 5.889, 350.472

Sweetspot

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



84, 5.891, 120.482



100, 2.628, 120.682



82, 3.343, 47.020



53, 1.494, 120.689



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, 5.891, 120.482



99, 7.906, 120.431



84, 6.589, 137.609



44, 4.455, 120.399



64, 74.239, 118.453



15, 24.382, 119.869

Inverse Universe

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



81, 5.967, 301.092



95, 8.016, 301.146



82, 6.625, 317.997



42, 4.521, 301.179



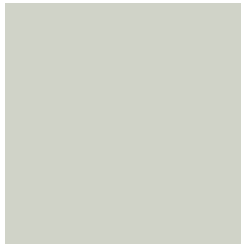
22, 95.477, 308.052



2, 25.913, 300.099

Previews

White Background



This preview shows how the CIELCh color 84, 5.889, 120.472 looks on a white background.

Color Contrast Check

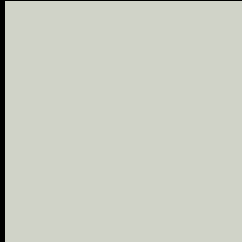
Large Text (above 18pt) WCAG AA × Fail

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, 5.889, 120.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

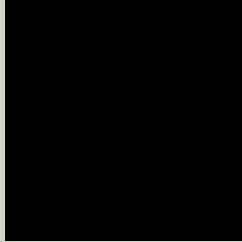
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

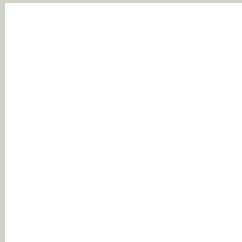
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 5.889, 120.472

Background



This preview shows how black text looks on a background with the CIELCh color 84, 5.889, 120.472.

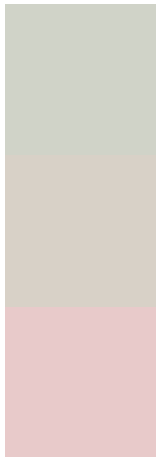


This preview shows how white text looks on a background with the CIELCh color 84, 5.889, 120.472.

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, 5.889, 120.472

Protanopia

84, 5.842, 83.285

Deuteranopia

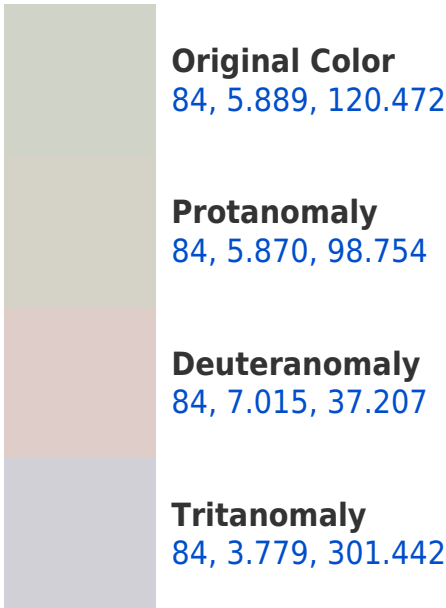
84, 11.217, 20.216



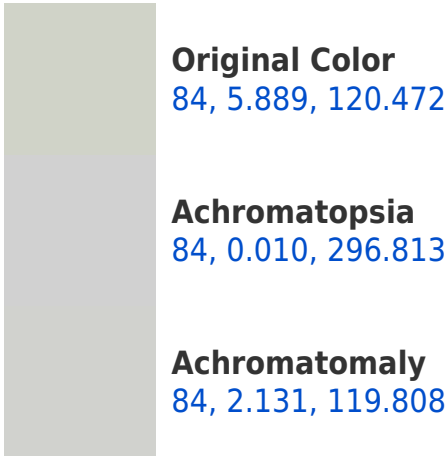
Tritanopia

84, 9.111, 299.847

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 5.889, 120.472 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(208, 211, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 200)  
}
```

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(208, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 5.889, 120.472 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(208, 211, 200) }
```

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

```
.border{ border-color:rgb(208, 211, 200) }
```

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

Here you see how a box with a 4 pixel rgb(208, 211, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 5.889, 120.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 200) }
```

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

```
.background{ background-color: rgb(208,  
211, 200) }
```

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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