

Converting Colors

CIELCh(84, 26.080, 120.816)

Have a look what the booklet for
CIELCh(84, 26.080, 120.816)
contains.

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Color

CIELCh(84, 26.203, 120.731)

Conversions

Conversions Part 1

Format	Color
Hex	C9D8A7
RGB	201, 216, 167
RGB Percent	79%, 85%, 65%
CMY	0.2132, 0.1544, 0.3465
CMYK	0.07, 0.00, 0.23, 0.15
HSL	78°, 38%, 75%
HSV	78°, 23%, 85%
XYZ	55.3922, 64.0658, 45.8343
YIQ	205.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

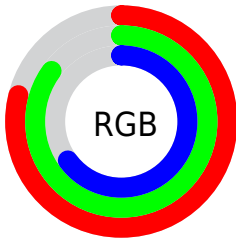
Format	Color
RYB	167, 216, 182
Decimal	13228199
CIELab	84.00, -13.39, 22.52
CIELCh	84, 26.203, 120.731
Yxy	64.0658, 0.3351, 0.3876
Android (android.graphics.Color)	4291418279 (0xFFC9D8A7)
YUV	205.9290, -19.1920, -4.3227
Hunter-Lab	80.0411, -16.5415, 22.0772

Details

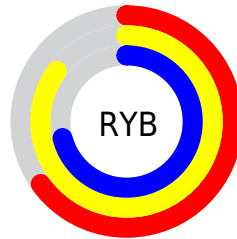
The CIELCh color **84, 26.203, 120.731** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 27.383, 303.494**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.691, 108.916**, and **64, 25.914, 120.350** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.549, 120.153**, and if you desaturate by 10%, it is **85, 14.701, 121.319**.

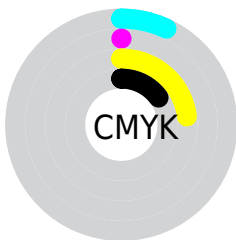
Distribution



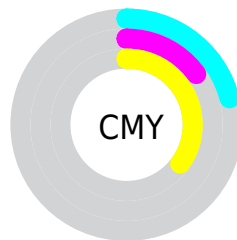
- Red (79%)
- Green (85%)
- Blue (65%)



- Red (65%)
- Yellow (85%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)





- Cyan (21%)
- Magenta (15%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.203, 120.731 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, 26.203, 120.731 by changing the saturation by 10% instead.


 84, 26.203,
120.731


 84, 26.203,
120.731


 100, 26.203,
120.731


 74, 26.203,
120.731

 64, 26.203,
120.731

 54, 26.203,
120.731

 44, 26.203,
120.731

 34, 26.203,
120.731

 24, 26.203,
120.731

 14, 26.203,

120.731

■ 4, 26.203, 120.731

■ 0, 26.203, 120.731

■ 84, 26.203,
120.731

■ 84, 26.203,
120.731

■ 83, 37.549,
120.153

■ 85, 14.701,
121.319

■ 82, 48.589,
119.605

■ 86, 3.135, 121.902

■ 82, 59.113,
119.130

■ 87, 8.428, 302.423

■ 81, 68.805,
118.795

■ 88, 19.939,
302.940

■ 80, 77.229,

■ 89, 21.546,
308.324

118.689

89, 22.294,
313.977

80, 83.865,
118.922

90, 23.242,
319.284

80, 88.286,
119.598

90, 24.372,
324.197

79, 90.320,
120.328

91, 24.659,
325.283

Harmonies

Complementary

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



84, 26.203, 120.731



71, 27.383, 303.494

Rectangle

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



84, 26.203, 120.731



84, 26.203, 170.731



84, 26.203, 300.731



84, 26.203, 350.731

Sweetspot

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



84, 26.205, 120.734



99, 9.270, 121.646



76, 15.734, 50.132



53, 6.024, 121.611



0, 0.000, 0.000



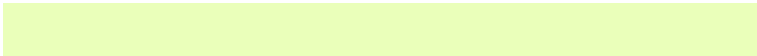
53, 0.007, 296.813

Same Dimension

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



84, 26.205, 120.734



97, 35.616, 120.468



82, 29.725, 137.668



45, 6.526, 121.510



64, 75.817, 120.094



16, 26.147, 120.897

Inverse Universe

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



71, 27.383, 303.494



79, 37.580, 303.838



73, 30.043, 319.816



42, 6.648, 302.585



23, 96.022, 308.461



2, 28.090, 301.766

Previews

White Background



This preview shows how the CIELCh color 84, 26.203, 120.731 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, 26.203, 120.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

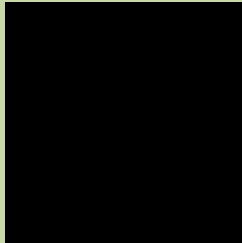
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

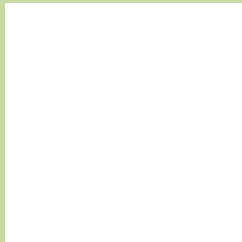
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 26.203, 120.731

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.203, 120.731.

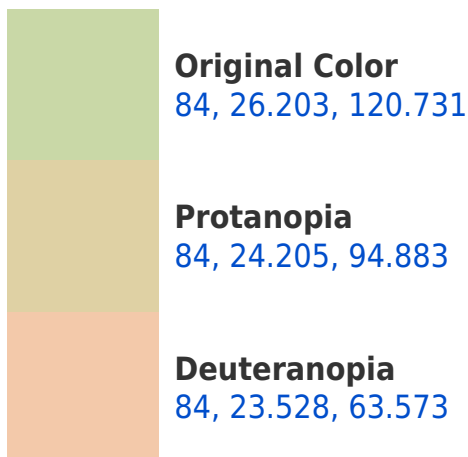


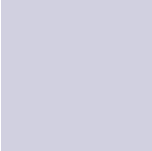
This preview shows how white text looks on a background with the CIELCh color 84, 26.203, 120.731.

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](#).

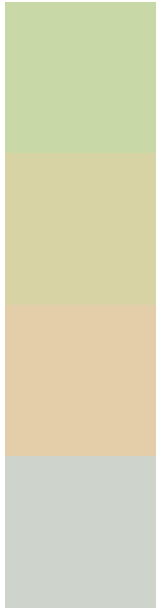
Dichromacy





Tritanopia
84, 8.460, 293.289

Trichromacy



Original Color
84, 26.203, 120.731

Protanomaly
84, 24.084, 104.337

Deuteranomaly
84, 21.322, 84.458

Tritanomaly
84, 4.599, 133.193

Monochromacy



Original Color
84, 26.203, 120.731

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.741, 122.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.203, 120.731 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(201, 216, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 167)  
}
```

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(201, 216, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.203, 120.731 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(201, 216, 167) }
```

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

```
.border{ border-color:rgb(201, 216, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.203, 120.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 167) }
```

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

```
.background{ background-color: rgb(201,  
216, 167) }
```

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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