

Converting Colors

CIELCh(83, 21.697, 121.271)

Have a look what the booklet for
CIELCh(83, 21.697, 121.271)
contains.

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Color

CIElCh(83, 21.560, 121.694)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4AC
RGB	199, 212, 172
RGB Percent	78%, 83%, 67%
CMY	0.2199, 0.1689, 0.3257
CMYK	0.06, 0.00, 0.19, 0.17
HSL	80°, 32%, 75%
HSV	80°, 19%, 83%
XYZ	54.5027, 62.1629, 48.1232
YIQ	203.5530, 5.0920, -15.1960

Conversions

Conversions Part 2

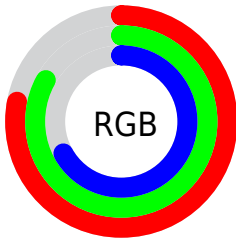
Format	Color
RYB	172, 212, 185
Decimal	13096108
CIELab	83.00, -11.33, 18.34
CIELCh	83, 21.560, 121.694
Yxy	62.1629, 0.3307, 0.3772
Android (android.graphics.Color)	4291286188 (0xFFC7D4AC)
YUV	203.5530, -15.5556, -3.9930
Hunter-Lab	78.8435, -14.5831, 19.0020

Details

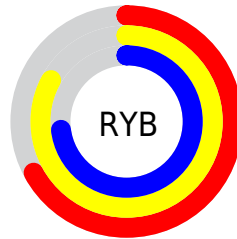
The CIELCh color **83, 21.560, 121.694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 22.334, 303.881**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **63, 21.059, 121.428** is the 20% darker color. If you saturate the color by 10%, you get **82, 32.865, 121.128**, and if you desaturate by 10%, it is **84, 10.147, 122.263**.

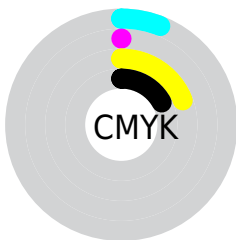
Distribution



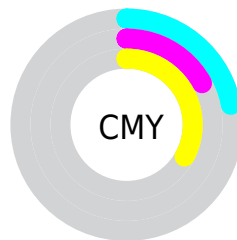
- Red (78%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)




- Cyan (22%)
- Magenta (17%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 21.560, 121.694 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 83, 21.560, 121.694 by changing the saturation by 10% instead.


 83, 21.560,
121.694


 83, 21.560,
121.694


 100, 21.560,
121.694


 73, 21.560,
121.694

 63, 21.560,
121.694

 53, 21.560,
121.694

 43, 21.560,
121.694

 33, 21.560,
121.694

 23, 21.560,
121.694

 13, 21.560,

121.694

■ 3, 21.560, 121.694

■ 0, 21.560, 121.694

■ 83, 21.560,
121.694

■ 83, 21.560,
121.694

■ 82, 32.865,
121.128

■ 84, 10.147,
122.263

■ 81, 43.934,
120.578

■ 85, 1.298, 302.755

■ 81, 54.590,
120.083

■ 86, 12.714,
303.312

■ 80, 64.564,
119.699

■ 87, 23.186,
304.217

■ 79, 73.475,

■ 88, 23.793,
309.786

119.507

88, 24.610,
315.103

79, 80.833,
119.614

89, 25.622,
320.106

78, 86.152,
120.133

90, 26.811,
324.755

78, 89.363,
121.093

90, 26.987,
325.364

78, 89.678,
121.207

Harmonies

Complementary

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



83, 21.560, 121.694



73, 22.334, 303.881

Rectangle

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



83, 21.560, 121.694



83, 21.560, 171.694



83, 21.560, 301.694



83, 21.560, 351.694

Sweetspot

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



83, 21.562, 121.697



99, 7.968, 122.421



77, 12.662, 52.269



53, 5.286, 122.384



0, 0.000, 0.000



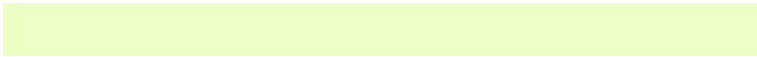
53, 0.007, 296.813

Same Dimension

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



83, 21.562, 121.697



97, 30.492, 121.448



82, 24.463, 138.369



45, 6.546, 122.232



64, 76.260, 120.983



16, 26.283, 121.778

Inverse Universe

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



73, 22.334, 303.881



83, 31.860, 304.185



74, 24.666, 320.147



42, 6.666, 303.272



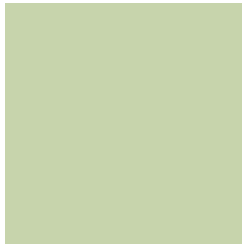
23, 95.701, 308.722



2, 28.147, 302.320

Previews

White Background



This preview shows how the CIELCh color 83, 21.560, 121.694 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 83, 21.560, 121.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

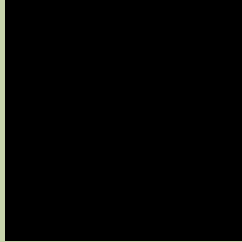
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

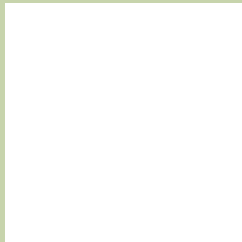
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 21.560, 121.694

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.560, 121.694.



This preview shows how white text looks on a background with the CIELCh color 83, 21.560, 121.694.

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
83, 21.560, 121.694

Protanopia
83, 20.004, 94.864

Deuteranopia
83, 20.022, 59.053



Tritanopia
83, 8.483, 293.298

Trichromacy



Original Color
83, 21.560, 121.694

Protanomaly
83, 19.968, 105.069

Deuteranomaly
83, 17.646, 82.512

Tritanomaly
83, 3.217, 144.391

Monochromacy



Original Color
83, 21.560, 121.694

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.545, 120.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.560, 121.694 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(199, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 172)  
}
```

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(199, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.560, 121.694 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(199, 212, 172) }
```

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

```
.border{ border-color:rgb(199, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.560, 121.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 172) }
```

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

```
.background{ background-color: rgb(199,  
212, 172) }
```

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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