

Converting Colors

CIELCh(81, 6.808, 121.454)

Have a look what the booklet for
CIELCh(81, 6.808, 121.454) contains.

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Color

CIELCh(81, 7.048, 121.741)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBBE
RGB	199, 203, 190
RGB Percent	78%, 80%, 75%
CMY	0.2202, 0.2045, 0.2555
CMYK	0.02, 0.00, 0.06, 0.20
HSL	78°, 11%, 77%
HSV	78°, 6%, 80%
XYZ	54.1095, 58.4711, 57.0623
YIQ	200.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

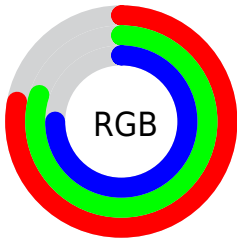
Format	Color
RYB	190, 203, 194
Decimal	13093822
CIELab	81.00, -3.71, 5.99
CIELCh	81, 7.048, 121.741
Yxy	58.4711, 0.3190, 0.3447
Android (android.graphics.Color)	4291283902 (0xFFC7CBBE)
YUV	200.3220, -5.0887, -1.1594
Hunter-Lab	76.4664, -7.5051, 9.2819

Details

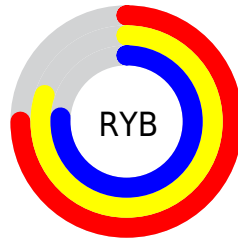
The CIELCh color **81, 7.048, 121.741** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 7.149, 302.458**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **61, 6.919, 122.634** is the 20% darker color. If you saturate the color by 10%, you get **80, 18.046, 121.172**, and if you desaturate by 10%, it is **82, 3.963, 302.279**.

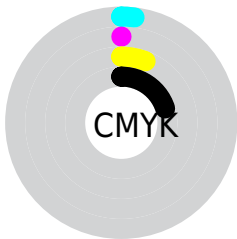
Distribution



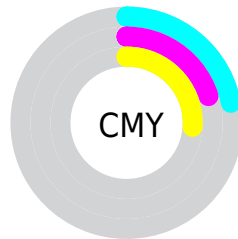
- Red (78%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.048, 121.741 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 81, 7.048, 121.741 by changing the saturation by 10% instead.

■ 81, 7.048, 121.741

■ 81, 7.048, 121.741

■ 100, 7.048,
121.741

■ 71, 7.048, 121.741

■ 61, 7.048, 121.741

■ 51, 7.048, 121.741

■ 41, 7.048, 121.741

■ 31, 7.048, 121.741

■ 21, 7.048, 121.741

■ 11, 7.048, 121.741

■ 1, 7.048, 121.741

■ 0, 7.048, 121.741

81, 7.048, 121.741

81, 7.048, 121.741

80, 18.046,
121.172

82, 3.963, 302.279

79, 28.954,
120.590

83, 14.941,
302.811

78, 39.667,
120.021

84, 25.848,
303.302

78, 50.031,
119.496

85, 28.504,
306.692

77, 59.812,
119.064

85, 29.084,
310.780

76, 68.675,
118.799

86, 29.803,
314.740

76, 76.171,
118.798

86, 30.653,
318.540

76, 81.812,
119.172

87, 31.627,
322.163

■ 75, 85.310,
120.003

■ 88, 32.706,
325.562

Harmonies

Complementary

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



81, 7.048, 121.741



78, 7.149, 302.458

Rectangle

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



81, 7.048, 121.741



81, 7.048, 171.741



81, 7.048, 301.741



81, 7.048, 351.741

Sweetspot

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



81, 7.050, 121.749



100, 2.641, 122.010



79, 3.969, 51.011



53, 1.501, 122.016



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 7.050, 121.749



99, 10.598, 121.651



81, 7.928, 138.549



43, 6.270, 121.577



62, 74.161, 120.140



13, 23.027, 122.279

Inverse Universe

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



78, 7.149, 302.458



94, 10.773, 302.562



78, 7.968, 319.066



40, 6.387, 302.642



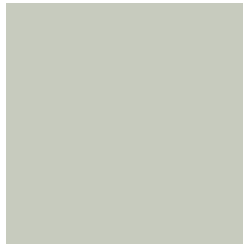
22, 93.843, 308.505



2, 23.905, 300.377

Previews

White Background



This preview shows how the CIELCh color 81, 7.048, 121.741 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 81, 7.048, 121.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

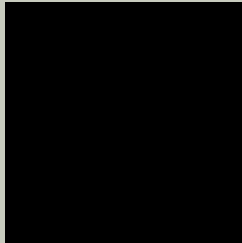
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

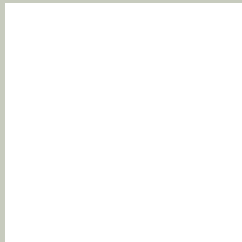
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.048, 121.741

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.048, 121.741.



This preview shows how white text looks on a background with the CIELCh color 81, 7.048, 121.741.

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


81, 7.048, 121.741

Protanopia

81, 7.015, 84.163

Deuteranopia

81, 11.406, 25.543



Tritanopia
81, 8.653, 300.383

Trichromacy



Original Color
81, 7.048, 121.741

Protanomaly
81, 6.513, 96.290

Deuteranomaly
81, 7.482, 44.877

Tritanomaly
81, 3.222, 296.915

Monochromacy



Original Color
81, 7.048, 121.741

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.673, 117.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.048, 121.741 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, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 190)  
}
```

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, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.048, 121.741 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, 203, 190) }
```

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

```
.border{ border-color:rgb(199, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.048, 121.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 190) }
```

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

```
.background{ background-color: rgb(199,  
203, 190) }
```

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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