

Converting Colors

CIELCh(81, 32.399, 108.690)

Have a look what the booklet for
CIELCh(81, 32.399, 108.690)
contains.

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Color

CIELCh(81, 32.430, 108.685)

Conversions

Conversions Part 1

Format	Color
Hex	CBCD8F
RGB	203, 205, 143
RGB Percent	80%, 80%, 56%
CMY	0.2031, 0.1953, 0.4385
CMYK	0.01, 0.00, 0.30, 0.20
HSL	62°, 38%, 68%
HSV	62°, 30%, 80%
XYZ	51.5342, 58.4711, 34.6310
YIQ	197.3340, 18.7100, -19.7060

Conversions

Conversions Part 2

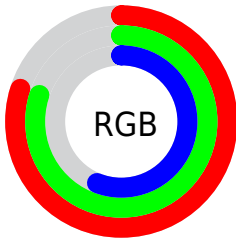
Format	Color
R_{YB}	143, 205, 145
Decimal	13356431
CIE Lab	81.00, -10.39, 30.72
CIE LCh	81, 32.430, 108.685
Yxy	58.4711, 0.3563, 0.4043
Android (android.graphics.Color)	4291546511 (0xFFCBCD8F)
YUV	197.3340, -26.7867, 4.9691
Hunter-Lab	76.4664, -13.5169, 26.6745

Details

The CIELCh color **81, 32.430, 108.685** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 34.897, 294.947**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **61, 32.446, 108.812** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.764, 107.798**, and if you desaturate by 10%, it is **81, 21.824, 109.602**.

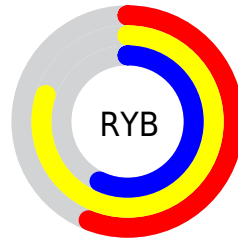
Distribution



Red (80%)

Green (80%)

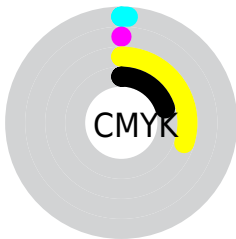
Blue (56%)



Red (56%)

Yellow (80%)

Blue (57%)

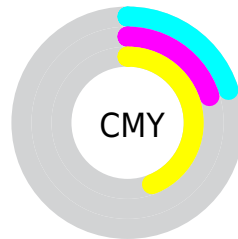


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 32.430, 108.685 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, 32.430, 108.685 by changing the saturation by 10% instead.


 81, 32.430,
108.685


 81, 32.430,
108.685


 100, 32.430,
108.685


 71, 32.430,
108.685

 61, 32.430,
108.685

 51, 32.430,
108.685

 41, 32.430,
108.685

 31, 32.430,
108.685

 21, 32.430,
108.685

 11, 32.430,

108.685

■ 1, 32.430, 108.685

■ 0, 32.430, 108.685

■ 81, 32.430,
108.685

■ 81, 32.430,
108.685

■ 81, 42.764,
107.798

■ 81, 21.824,
109.602

■ 80, 52.632,
106.958

■ 82, 11.063,
110.518

■ 80, 61.750,
106.202

■ 82, 0.230, 111.199

■ 80, 69.712,
105.574

■ 83, 10.625,
292.320

■ 80, 76.015,

■ 84, 21.464,
293.172

105.123

84, 26.321,
293.804

80, 80.194,
104.892

84, 26.330,
294.277

80, 82.346,
104.864

84, 26.341,
294.750

84, 26.354,
295.223

Harmonies

Complementary

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



81, 32.430, 108.685



62, 34.897, 294.947

Rectangle

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



81, 32.430, 108.685



81, 32.430, 158.685



81, 32.430, 288.685



81, 32.430, 338.685

Sweetspot

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



81, 32.432, 108.688



99, 11.622, 110.619



66, 24.964, 23.150



53, 8.074, 110.485



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, 32.432, 108.688



98, 45.840, 108.129



79, 34.961, 128.257



43, 6.111, 110.593



66, 70.258, 104.834



14, 21.925, 107.285

Inverse Universe

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



62, 34.897, 294.947



71, 50.247, 295.898



64, 36.407, 311.087



39, 6.247, 292.365



19, 96.757, 306.396



1, 23.551, 293.281

Previews

White Background



This preview shows how the CIELCh color 81, 32.430, 108.685 looks on a white background.

Color Contrast Check

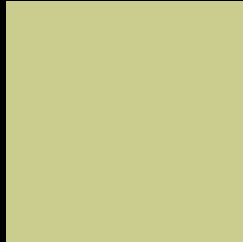
Large Text (above 18pt) WCAG AA × Fail

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, 32.430, 108.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

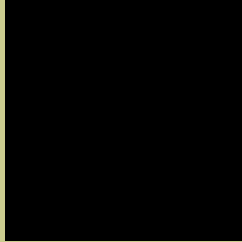
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 32.430, 108.685

Background



This preview shows how black text looks on a background with the CIELCh color 81, 32.430, 108.685.



This preview shows how white text looks on a background with the CIELCh color 81, 32.430, 108.685.

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, 32.430, 108.685

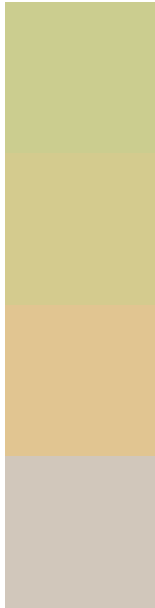
Protanopia
81, 32.196, 95.602

Deuteranopia
81, 31.325, 71.671



Tritanopia
81, 10.337, 324.829

Trichromacy



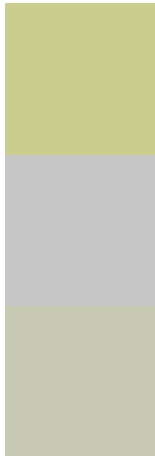
Original Color
81, 32.430, 108.685

Protanomaly
81, 32.170, 100.763

Deuteranomaly
81, 29.853, 85.107

Tritanomaly
81, 7.379, 78.810

Monochromacy



Original Color
81, 32.430, 108.685

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 12.181, 110.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 32.430, 108.685 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(203, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 143)  
}
```

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(203, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 32.430, 108.685 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(203, 205, 143) }
```

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

```
.border{ border-color:rgb(203, 205, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 143);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 32.430, 108.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 143) }
```

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

```
.background{ background-color: rgb(203,  
205, 143) }
```

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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