

Converting Colors

CIELCh(81, 31.803, 117.029)

Have a look what the booklet for
CIELCh(81, 31.803, 117.029)
contains.

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Color

CIELCh(81, 31.857, 117.410)

Conversions

Conversions Part 1

Format	Color
Hex	C2D094
RGB	194, 208, 148
RGB Percent	76%, 82%, 58%
CMY	0.2407, 0.1858, 0.4210
CMYK	0.07, 0.00, 0.29, 0.19
HSL	74°, 39%, 70%
HSV	74°, 29%, 81%
XYZ	49.9297, 58.4711, 36.5214
YIQ	196.9740, 10.9160, -21.6280

Conversions

Conversions Part 2

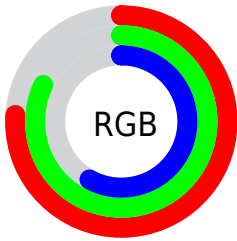
Format	Color
RYB	148, 208, 162
Decimal	12767380
CIELab	81.00, -14.67, 28.28
CIELCh	81, 31.857, 117.410
Yxy	58.4711, 0.3445, 0.4035
Android (android.graphics.Color)	4290957460 (0xFFC2D094)
YUV	196.9740, -24.1442, -2.6082
Hunter-Lab	76.4664, -17.2625, 25.2088

Details

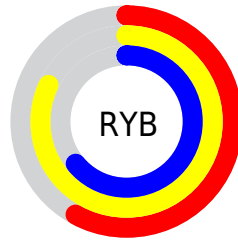
The CIELCh color **81, 31.857, 117.410** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 33.904, 301.500**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.790, 111.360**, and **61, 31.884, 117.457** is the 20% darker color. If you saturate the color by 10%, you get **80, 42.548, 116.781**, and if you desaturate by 10%, it is **82, 20.926, 118.065**.

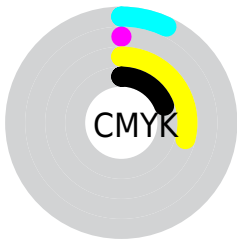
Distribution



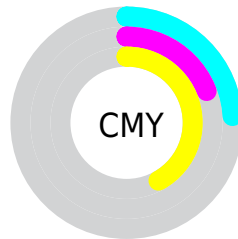
- Red (76%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.857, 117.410 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, 31.857, 117.410 by changing the saturation by 10% instead.


 81, 31.857,
117.410


 81, 31.857,
117.410


 100, 31.857,
117.410


 71, 31.857,
117.410

 61, 31.857,
117.410

 51, 31.857,
117.410

 41, 31.857,
117.410

 31, 31.857,
117.410

 21, 31.857,
117.410

 11, 31.857,

117.410

■ 1, 31.857, 117.410

■ 0, 31.857, 117.410

■ 81, 31.857,
117.410

■ 81, 31.857,
117.410

■ 80, 42.548,
116.781

■ 82, 20.926,
118.065

■ 80, 52.815,
116.205

■ 83, 9.865, 118.717

■ 79, 62.398,
115.735

■ 83, 1.243, 299.328

■ 79, 70.916,
115.443

■ 84, 12.344,
299.952

■ 78, 77.884,

■ 85, 23.400,
300.528

115.423

86, 25.519,
303.634

78, 82.820,
115.772

86, 25.893,
307.215

78, 85.663,
116.517

87, 26.362,
310.716

77, 85.935,
116.605

87, 26.924,
314.115

Harmonies

Complementary

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



81, 31.857, 117.410



64, 33.904, 301.500

Rectangle

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



81, 31.857, 117.410



81, 31.857, 167.410



81, 31.857, 297.410



81, 31.857, 347.410

Sweetspot

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



81, 31.859, 117.413



99, 11.799, 118.703



70, 20.375, 42.640



53, 8.199, 118.607



0, 0.000, 0.000



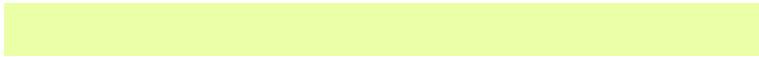
53, 0.007, 296.813

Same Dimension

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



81, 31.859, 117.413



97, 45.387, 116.996



79, 35.903, 135.370



44, 6.332, 118.683



64, 73.438, 116.424



15, 24.148, 117.875

Inverse Universe

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



64, 33.904, 301.500



73, 49.107, 302.127



67, 36.578, 318.018



40, 6.460, 299.906



21, 96.052, 307.618



2, 25.837, 299.098

Previews

White Background



This preview shows how the CIELCh color 81, 31.857, 117.410 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, 31.857, 117.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

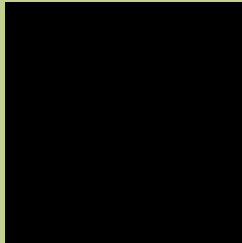
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

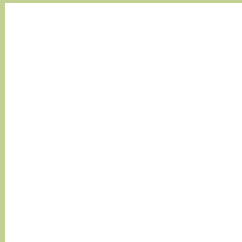
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 31.857, 117.410

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.857, 117.410.



This preview shows how white text looks on a background with the CIELCh color 81, 31.857, 117.410.

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, 31.857, 117.410

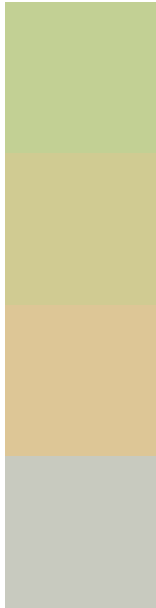
Protanopia
81, 30.079, 95.821

Deuteranopia
81, 28.878, 69.669



Tritanopia
81, 8.653, 300.383

Trichromacy



Original Color
81, 31.857, 117.410

Protanomaly
81, 29.966, 103.620

Deuteranomaly
81, 27.065, 87.728

Tritanomaly
81, 5.874, 116.917

Monochromacy



Original Color
81, 31.857, 117.410

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.819, 118.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.857, 117.410 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(194, 208, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 148)  
}
```

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(194, 208, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.857, 117.410 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(194, 208, 148) }
```

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

```
.border{ border-color:rgb(194, 208, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.857, 117.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 148) }
```

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

```
.background{ background-color: rgb(194,  
208, 148) }
```

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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