

Converting Colors

CIELCh(81, 30.942, 119.535)

Have a look what the booklet for
CIELCh(81, 30.942, 119.535)
contains.

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Color

CIELCh(81, 31.010, 119.213)

Conversions

Conversions Part 1

Format	Color
Hex	C0D096
RGB	192, 208, 150
RGB Percent	75%, 82%, 59%
CMY	0.2474, 0.1846, 0.4120
CMYK	0.08, 0.00, 0.28, 0.18
HSL	77°, 38%, 70%
HSV	77°, 28%, 82%
XYZ	49.7557, 58.4711, 37.4875
YIQ	196.6040, 9.0820, -21.4300

Conversions

Conversions Part 2

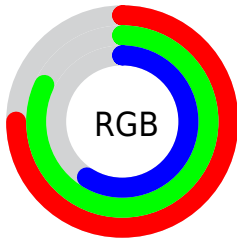
Format	Color
RYB	150, 208, 166
Decimal	12636310
CIELab	81.00, -15.13, 27.07
CIElCh	81, 31.010, 119.213
Yxy	58.4711, 0.3415, 0.4013
Android (android.graphics.Color)	4290826390 (0xFFC0D096)
YUV	196.6040, -22.9758, -4.0377
Hunter-Lab	76.4664, -17.6686, 24.4597

Details

The CIELCh color **81, 31.010, 119.213** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 32.833, 302.853**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.355, 113.332**, and **61, 31.027, 119.408** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.829, 118.622**, and if you desaturate by 10%, it is **82, 19.971, 119.826**.

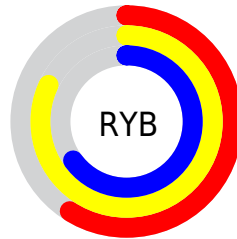
Distribution



Red (75%)

Green (82%)

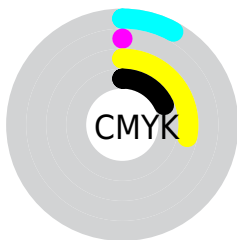
Blue (59%)



Red (59%)

Yellow (82%)

Blue (65%)

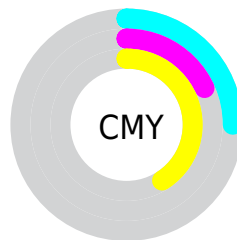


Cyan (8%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (25%)


Magenta (18%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.010, 119.213 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, 31.010, 119.213 by changing the saturation by 10% instead.


 81, 31.010,
119.213


 81, 31.010,
119.213


 100, 31.010,
119.213


 71, 31.010,
119.213

 61, 31.010,
119.213

 51, 31.010,
119.213

 41, 31.010,
119.213

 31, 31.010,
119.213

 21, 31.010,
119.213

 11, 31.010,

119.213

■ 1, 31.010, 119.213

■ 0, 31.010, 119.213

■ 81, 31.010,
119.213

■ 81, 31.010,
119.213

■ 80, 41.829,
118.622

■ 82, 19.971,
119.826

■ 80, 52.252,
118.080

■ 83, 8.819, 120.434

■ 79, 62.028,
117.641

■ 84, 2.366, 300.998

■ 78, 70.792,
117.379

■ 85, 13.530,
301.571

■ 78, 78.069,

■ 86, 24.635,
302.099

117.391

86, 25.605,
306.191

77, 83.369,
117.785

87, 26.140,
310.383

77, 86.518,
118.612

87, 26.806,
314.432

77, 87.066,
118.804

88, 27.596,
318.310

Harmonies

Complementary

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



81, 31.010, 119.213



65, 32.833, 302.853

Rectangle

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



81, 31.010, 119.213



81, 31.010, 169.213



81, 31.010, 299.213



81, 31.010, 349.213

Sweetspot

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



81, 31.012, 119.216



99, 10.548, 120.422



71, 19.334, 46.217



53, 7.496, 120.330



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, 31.012, 119.216



97, 43.147, 118.885



79, 35.068, 136.407



44, 6.368, 120.343



64, 74.302, 118.600



15, 24.401, 120.015

Inverse Universe

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



65, 32.833, 302.853



75, 46.279, 303.325



68, 35.610, 319.015



41, 6.492, 301.473



22, 95.432, 308.087



2, 25.919, 300.177

Previews

White Background



This preview shows how the CIELCh color 81, 31.010, 119.213 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, 31.010, 119.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

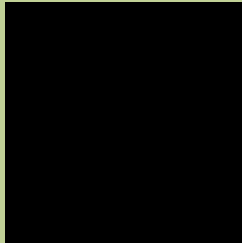
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

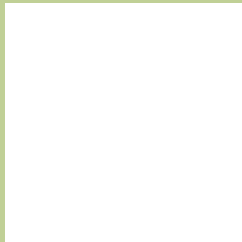
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 31.010, 119.213

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.010, 119.213.

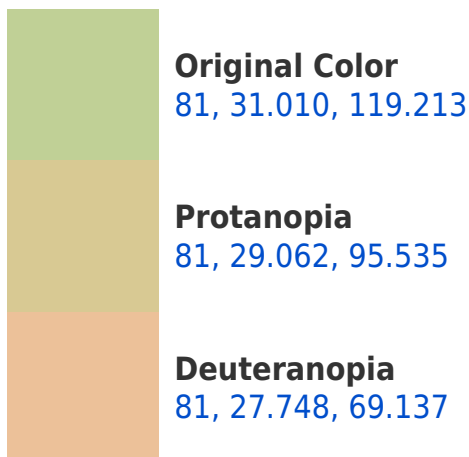


This preview shows how white text looks on a background with the CIELCh color 81, 31.010, 119.213.

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
81, 8.557, 295.688

Trichromacy



Original Color
81, 31.010, 119.213

Protanomaly
81, 29.383, 105.185

Deuteranomaly
81, 25.925, 87.927

Tritanomaly
81, 6.023, 123.905

Monochromacy



Original Color
81, 31.010, 119.213

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.372, 120.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.010, 119.213 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(192, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 150)  
}
```

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(192, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.010, 119.213 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(192, 208, 150) }
```

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

```
.border{ border-color:rgb(192, 208, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.010, 119.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 150) }
```

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

```
.background{ background-color: rgb(192,  
208, 150) }
```

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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