

Converting Colors

CIELCh(81, 18.035, 83.006)

Have a look what the booklet for
CIELCh(81, 18.035, 83.006) contains.

CIELCh(81, 18.043, 84.235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 18.043, 84.235)

Conversions

Conversions Part 1

Format	Color
Hex	DAC7A8
RGB	218, 199, 168
RGB Percent	85%, 78%, 66%
CMY	0.1458, 0.2202, 0.3418
CMYK	0.00, 0.09, 0.23, 0.15
HSL	37°, 40%, 76%
HSV	37°, 23%, 85%
XYZ	56.3009, 58.4711, 45.2855
YIQ	201.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

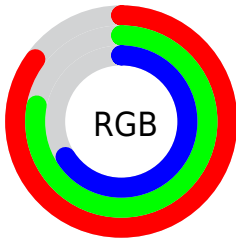
Format	Color
RYB	199, 218, 168
Decimal	14337960
CIELab	81.00, 1.81, 17.95
CIElCh	81, 18.043, 84.235
Yxy	58.4711, 0.3518, 0.3653
Android (android.graphics.Color)	4292528040 (0xFFDAC7A8)
YUV	201.1470, -16.3415, 14.7801
Hunter-Lab	76.4664, -2.3897, 18.4133

Details

The CIELCh color **81, 18.043, 84.235** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 17.706, 270.648**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **61, 17.991, 83.256** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.256, 82.891**, and if you desaturate by 10%, it is **84, 10.039, 85.549**.

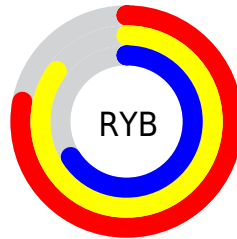
Distribution



Red (85%)

Green (78%)

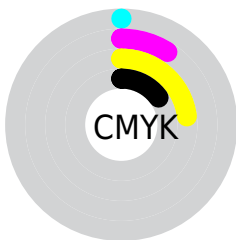
Blue (66%)



Red (78%)

Yellow (85%)

Blue (66%)

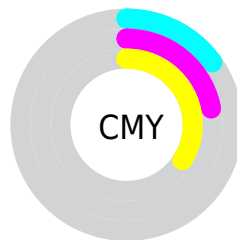


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 18.043, 84.235 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, 18.043, 84.235 by changing the saturation by 10% instead.

 81, 18.043, 84.235

 81, 18.043, 84.235

 100, 18.043,
84.235

 71, 18.043, 84.235

 61, 18.043, 84.235

 51, 18.043, 84.235

 41, 18.043, 84.235

 31, 18.043, 84.235

 21, 18.043, 84.235

 11, 18.043, 84.235

 1, 18.043, 84.235

 0, 18.043, 84.235

81, 18.043, 84.235

81, 18.043, 84.235

78, 26.256, 82.891

84, 10.039, 85.549

76, 34.642, 81.498

86, 2.249, 86.724

74, 43.112, 80.059

89, 5.334, 268.139

71, 51.485, 78.554

92, 12.723,
269.287

69, 59.403, 76.929

94, 10.565,
245.392

67, 66.246, 75.069

65, 71.131, 72.773

96, 10.754,
216.989

64, 73.369, 70.880

97, 12.504,
198.671

Harmonies

Complementary

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



81, 18.043, 84.235



75, 17.706, 270.648

Rectangle

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



81, 18.043, 84.235



81, 18.043, 134.235



81, 18.043, 264.235



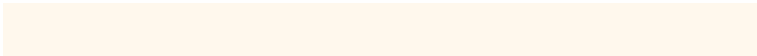
81, 18.043, 314.235

Sweetspot

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



81, 18.044, 84.243



98, 6.112, 86.281



74, 21.477, 352.732



52, 3.975, 86.207



0, 0.000, 0.000



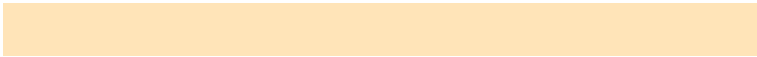
53, 0.007, 296.813

Same Dimension

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



81, 18.044, 84.243



92, 25.198, 83.532



85, 26.072, 112.939



45, 4.402, 85.991



51, 61.853, 71.427



12, 18.961, 73.580

Inverse Universe

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



75, 17.706, 270.648



84, 24.606, 271.625



71, 27.480, 296.894



43, 4.378, 268.517



32, 67.471, 293.593



6, 21.446, 282.990

Previews

White Background



This preview shows how the CIELCh color 81, 18.043, 84.235 looks on a white background.

Color Contrast Check

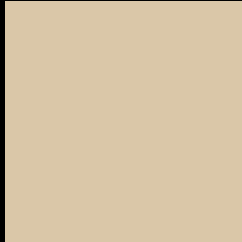
Large Text (above 18pt) WCAG AA × Fail

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, 18.043, 84.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

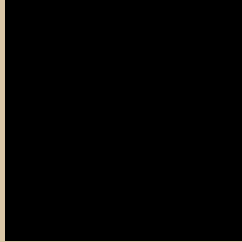
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 18.043, 84.235

Background



This preview shows how black text looks on a background with the CIELCh color 81, 18.043, 84.235.



This preview shows how white text looks on a background with the CIELCh color 81, 18.043, 84.235.

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, 18.043, 84.235

Protanopia

81, 17.438, 94.388

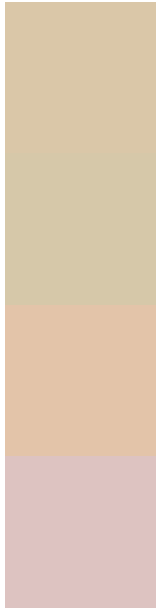
Deuteranopia

81, 20.194, 60.779



Tritanopia
81, 13.607, 344.769

Trichromacy



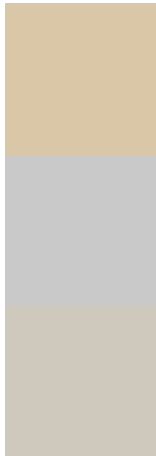
Original Color
81, 18.043, 84.235

Protanomaly
81, 17.284, 90.216

Deuteranomaly
81, 18.921, 68.556

Tritanomaly
81, 9.859, 26.249

Monochromacy



Original Color
81, 18.043, 84.235

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.374, 85.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 18.043, 84.235 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(218, 199, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 168)  
}
```

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(218, 199, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 18.043, 84.235 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(218, 199, 168) }
```

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

```
.border{ border-color:rgb(218, 199, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 18.043, 84.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 168) }
```

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

```
.background{ background-color: rgb(218,  
199, 168) }
```

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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