

Converting Colors

CIELCh(81, 4.713, 17.506)

Have a look what the booklet for
CIELCh(81, 4.713, 17.506) contains.

CIELCh(81, 4.841, 13.396)	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, 4.841, 13.396)

Conversions

Conversions Part 1

Format	Color
Hex	D3C6C7
RGB	211, 198, 199
RGB Percent	83%, 78%, 78%
CMY	0.1719, 0.2228, 0.2189
CMYK	0.00, 0.06, 0.06, 0.17
HSL	355°, 13%, 80%
HSV	355°, 6%, 83%
XYZ	57.4742, 58.4711, 62.3928
YIQ	202.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

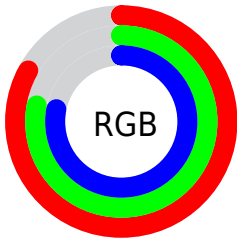
Format	Color
R _Y B	211, 198, 199
Decimal	13878983
CIE Lab	81.00, 4.71, 1.12
CIE LCh	81, 4.841, 13.396
Yxy	58.4711, 0.3223, 0.3279
Android (android.graphics.Color)	4292069063 (0xFFD3C6C7)
YUV	202.0010, -1.4795, 7.8921
Hunter-Lab	76.4664, 0.3491, 5.1488

Details

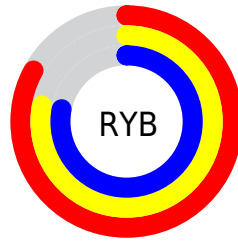
The CIELCh color **81, 4.841, 13.396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 4.680, 192.728**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **61, 4.753, 13.014** is the 20% darker color. If you saturate the color by 10%, you get **75, 13.145, 14.395**, and if you desaturate by 10%, it is **87, 2.916, 192.984**.

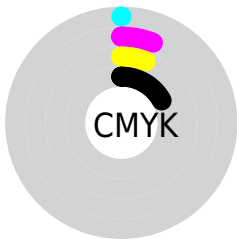
Distribution



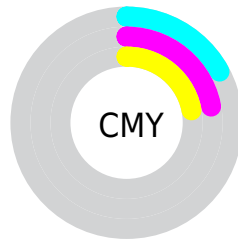
- Red (83%)
- Green (78%)
- Blue (78%)



- Red (83%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.841, 13.396 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, 4.841, 13.396 by changing the saturation by 10% instead.

■ 81, 4.841, 13.396

■ 81, 4.841, 13.396

■ 100, 4.841, 13.396

■ 71, 4.841, 13.396

■ 61, 4.841, 13.396

■ 51, 4.841, 13.396

■ 41, 4.841, 13.396

■ 31, 4.841, 13.396

■ 21, 4.841, 13.396

■ 11, 4.841, 13.396

■ 1, 4.841, 13.396

■ 0, 4.841, 13.396

81, 4.841, 13.396

81, 4.841, 13.396

75, 13.145, 14.395

87, 2.916, 192.984

70, 21.999, 15.530

93, 10.148,
192.226

64, 31.349, 16.943

97, 14.629,
198.531

59, 41.070, 18.735

55, 50.942, 21.026

51, 60.667, 23.941

48, 69.904, 27.557

46, 78.303, 31.761

44, 85.313, 36.012

Harmonies

Complementary

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



81, 4.841, 13.396



84, 4.680, 192.728

Rectangle

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



81, 4.841, 13.396



81, 4.841, 63.396



81, 4.841, 193.396



81, 4.841, 243.396

Sweetspot

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



81, 4.839, 13.417



99, 1.808, 12.850



81, 8.182, 322.454



53, 1.028, 12.824



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, 4.839, 13.417



95, 6.434, 13.508



82, 3.988, 65.135



42, 3.557, 13.551



35, 73.366, 36.672



4, 20.037, 15.894

Inverse Universe

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



81, 4.839, 13.417



95, 6.434, 13.508



82, 3.907, 246.701



42, 3.557, 13.551



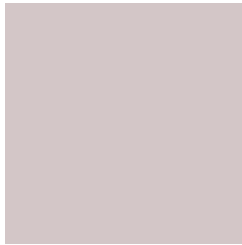
35, 73.366, 36.672



4, 20.037, 15.894

Previews

White Background



This preview shows how the CIELCh color 81, 4.841, 13.396 looks on a white background.

Color Contrast Check

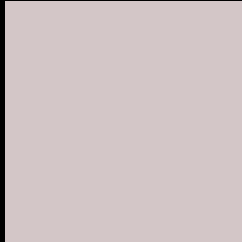
Large Text (above 18pt) WCAG AA × Fail

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, 4.841, 13.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

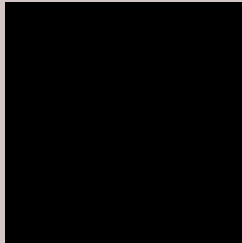
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

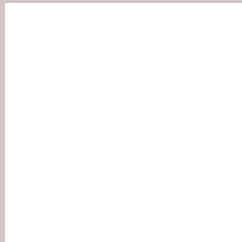
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.841, 13.396

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.841, 13.396.

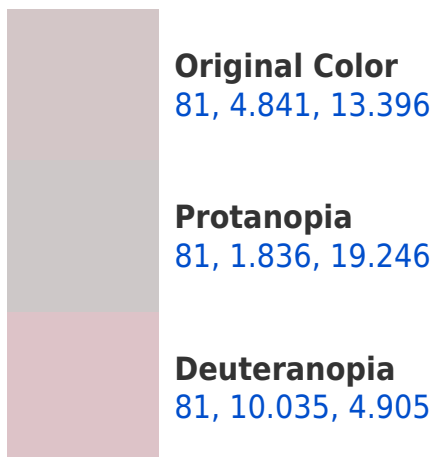


This preview shows how white text looks on a background with the CIELCh color 81, 4.841, 13.396.

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, 10.545, 326.481

Trichromacy



Original Color
81, 4.841, 13.396

Protanomaly
81, 2.997, 9.270

Deuteranomaly
81, 8.083, 4.817

Tritanomaly
81, 7.663, 336.113

Monochromacy



Original Color
81, 4.841, 13.396

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.466, 19.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.841, 13.396 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(211, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 198, 199)  
}
```

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(211, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 198, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.841, 13.396 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(211, 198, 199) }
```

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

```
.border{ border-color:rgb(211, 198, 199) }
```

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

Here you see how a box with a 4 pixel rgb(211, 198, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 198,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.841, 13.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 198, 199) }
```

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

```
.background{ background-color: rgb(211,  
198, 199) }
```

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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