

Converting Colors

CIELCh(81, 4.195, 28.953)

Have a look what the booklet for
CIELCh(81, 4.195, 28.953) contains.

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Color

CIELCh(81, 4.206, 34.141)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7C5
RGB	210, 199, 197
RGB Percent	82%, 78%, 77%
CMY	0.1771, 0.2202, 0.2281
CMYK	0.00, 0.05, 0.06, 0.18
HSL	9°, 13%, 80%
HSV	9°, 6%, 82%
XYZ	56.9748, 58.4711, 61.0071
YIQ	202.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

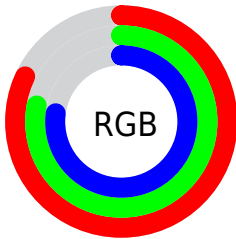
Format	Color
R _Y B	210, 199, 197
Decimal	13813701
CIE Lab	81.00, 3.48, 2.36
CIE LCh	81, 4.206, 34.141
Yxy	58.4711, 0.3229, 0.3314
Android (android.graphics.Color)	4292003781 (0xFFD2C7C5)
YUV	202.0610, -2.4951, 6.9625
Hunter-Lab	76.4664, -0.8166, 6.2232

Details

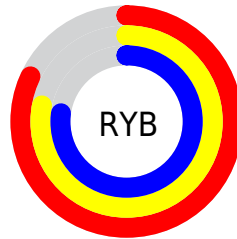
The CIELCh color **81, 4.206, 34.141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 4.046, 214.471**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **61, 4.481, 34.184** is the 20% darker color. If you saturate the color by 10%, you get **76, 11.460, 34.353**, and if you desaturate by 10%, it is **86, 2.484, 214.548**.

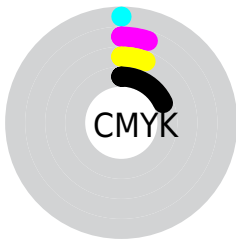
Distribution



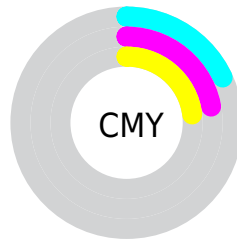
- Red (82%)
- Green (78%)
- Blue (77%)



- Red (82%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.206, 34.141 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, 4.206, 34.141 by changing the saturation by 10% instead.

■ 81, 4.206, 34.141

■ 81, 4.206, 34.141

■ 100, 4.206, 34.141

■ 71, 4.206, 34.141

■ 61, 4.206, 34.141

■ 51, 4.206, 34.141

■ 41, 4.206, 34.141

■ 31, 4.206, 34.141

■ 21, 4.206, 34.141

■ 11, 4.206, 34.141

■ 1, 4.206, 34.141

■ 0, 4.206, 34.141

81, 4.206, 34.141

81, 4.206, 34.141

76, 11.460, 34.353

86, 2.484, 214.548

71, 19.330, 34.610

91, 8.663, 214.474

66, 27.847, 35.038

96, 14.116,
204.673

62, 37.009, 35.694

97, 15.052,
198.503

58, 46.761, 36.626

54, 56.956, 37.861

51, 67.284, 39.350

48, 77.069, 40.850

46, 84.879, 41.724

Harmonies

Complementary

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



81, 4.206, 34.141



83, 4.046, 214.471

Rectangle

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



81, 4.206, 34.141



81, 4.206, 84.141



81, 4.206, 214.141



81, 4.206, 264.141

Sweetspot

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



81, 4.205, 34.171



99, 1.563, 33.877



81, 7.578, 329.170



53, 0.888, 33.854



0, 0.000, 0.000



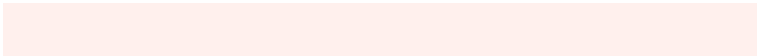
53, 0.007, 296.813

Same Dimension

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



81, 4.205, 34.171



96, 5.587, 34.192



83, 4.746, 88.947



42, 3.090, 34.202



36, 73.811, 42.373



5, 18.242, 27.672

Inverse Universe

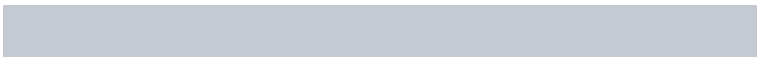
The Inverse Universe completely reimagines the original color for something new.



83, 4.046, 214.471



98, 5.344, 214.461



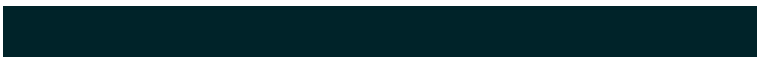
81, 4.750, 270.618



43, 2.947, 214.458



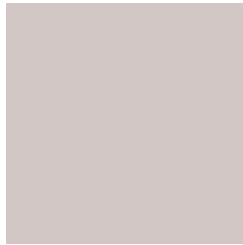
54, 31.915, 225.324



11, 12.320, 219.000

Previews

White Background



This preview shows how the CIELCh color 81, 4.206, 34.141 looks on a white background.

Color Contrast Check

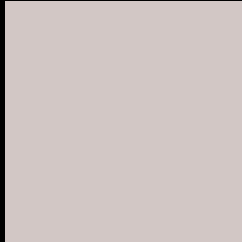
Large Text (above 18pt) WCAG AA × Fail

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, 4.206, 34.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

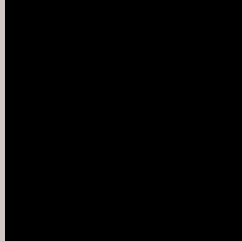
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 4.206, 34.141

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.206, 34.141.



This preview shows how white text looks on a background with the CIELCh color 81, 4.206, 34.141.

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, 4.206, 34.141

Protanopia

81, 2.113, 49.340

Deuteranopia

81, 10.216, 11.259



Tritanopia
81, 9.688, 324.801

Trichromacy



Original Color
81, 4.206, 34.141

Protanomaly
81, 2.781, 41.753

Deuteranomaly
81, 8.269, 12.657

Tritanomaly
81, 6.403, 338.315

Monochromacy



Original Color
81, 4.206, 34.141

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.553, 39.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.206, 34.141 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(210, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 197)  
}
```

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(210, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.206, 34.141 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(210, 199, 197) }
```

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

```
.border{ border-color:rgb(210, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.206, 34.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 197) }
```

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

```
.background{ background-color: rgb(210,  
199, 197) }
```

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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