

Converting Colors

CIELCh(81, 4.824, 330.716)

Have a look what the booklet for
CIELCh(81, 4.824, 330.716) contains.

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Color

CIELCh(81, 4.754, 328.207)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7CE
RGB	207, 199, 206
RGB Percent	81%, 78%, 81%
CMY	0.1888, 0.2202, 0.1927
CMYK	0.00, 0.04, 0.00, 0.19
HSL	308°, 8%, 80%
HSV	308°, 4%, 81%
XYZ	57.2019, 58.4711, 66.5685
YIQ	202.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

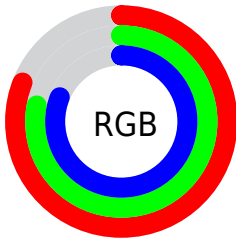
Format	Color
R_{YB}	207, 199, 206
Decimal	13617102
CIE _{Lab}	81.00, 4.04, -2.50
CIE _{LCh}	81, 4.754, 328.207
Yxy	58.4711, 0.3139, 0.3208
Android (android.graphics.Color)	4291807182 (0xFFCFC7CE)
YUV	202.1900, 1.8783, 4.2184
Hunter-Lab	76.4664, -0.2864, 1.9110

Details

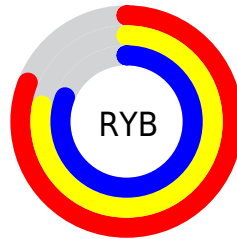
The CIELCh color $81, 4.754, 328.207$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.733, 147.879$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 5.031, 328.295$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.141, 328.843$, and if you desaturate by 10%, it is $86, 7.443, 147.738$.

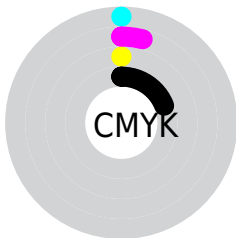
Distribution



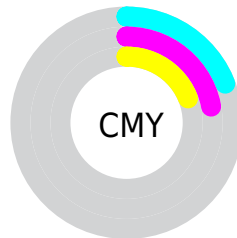
- Red (81%)
- Green (78%)
- Blue (81%)



- Red (81%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.754, 328.207 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, 4.754, 328.207 by changing the saturation by 10% instead.

■ 81, 4.754, 328.207

■ 81, 4.754, 328.207

■ 100, 4.754,
328.207

■ 71, 4.754, 328.207

■ 61, 4.754, 328.207

■ 51, 4.754, 328.207

■ 41, 4.754, 328.207

■ 31, 4.754, 328.207

■ 21, 4.754, 328.207

■ 11, 4.754, 328.207

■ 1, 4.754, 328.207

■ 0, 4.754, 328.207

81, 4.754, 328.207

81, 4.754, 328.207

76, 17.141,
328.843

86, 7.443, 147.738

71, 29.578,
329.452

92, 19.353,
147.163

66, 41.834,
330.062

96, 27.356,
147.256

61, 53.586,
330.669

96, 26.314,
149.008

57, 64.407,
331.269

96, 25.293,
150.896

54, 73.788,
331.856

96, 24.298,
152.933

51, 81.207,
332.434

96, 23.332,
155.134

49, 86.251,
333.011

96, 22.399,
157.515

■ 48, 88.772,
333.604

■ 96, 21.503,
160.092

Harmonies

Complementary

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



81, 4.754, 328.207



82, 4.733, 147.879

Rectangle

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



81, 4.754, 328.207



81, 4.754, 18.207



81, 4.754, 148.207



81, 4.754, 198.207

Sweetspot

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



81, 4.752, 328.209



99, 1.460, 327.868



80, 4.280, 295.071



53, 0.831, 327.853



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, 4.752, 328.209



97, 7.288, 328.293



81, 3.371, 350.659



42, 4.226, 328.332



39, 76.809, 333.886



5, 28.262, 332.340

Inverse Universe

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



81, 4.752, 328.209



97, 7.288, 328.293



82, 3.334, 170.248



42, 4.226, 328.332



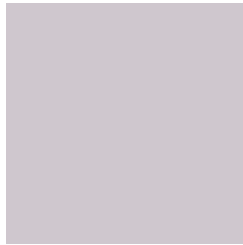
39, 76.809, 333.886



5, 28.262, 332.340

Previews

White Background



This preview shows how the CIELCh color 81, 4.754, 328.207 looks on a white background.

Color Contrast Check

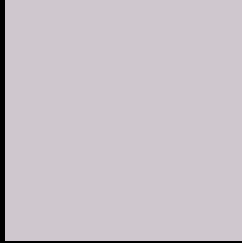
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 4.754, 328.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

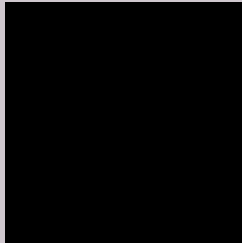
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

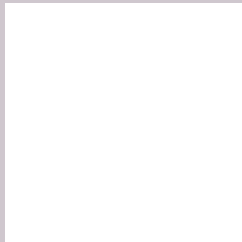
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.754, 328.207

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.754, 328.207.

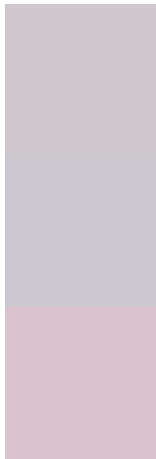


This preview shows how white text looks on a background with the CIELCh color 81, 4.754, 328.207.

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, 4.754, 328.207

Protanopia
81, 3.896, 306.669

Deuteranopia
81, 10.595, 343.328



Tritanopia
81, 8.792, 314.939

Trichromacy



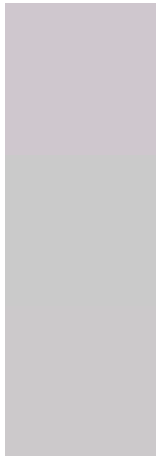
Original Color
81, 4.754, 328.207

Protanomaly
81, 4.015, 311.628

Deuteranomaly
81, 8.833, 338.700

Tritanomaly
81, 7.373, 320.026

Monochromacy



Original Color
81, 4.754, 328.207

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.541, 335.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.754, 328.207 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(207, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 206)  
}
```

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(207, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.754, 328.207 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(207, 199, 206) }
```

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

```
.border{ border-color:rgb(207, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.754, 328.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 206) }
```

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

```
.background{ background-color: rgb(207,  
199, 206) }
```

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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