

Converting Colors

CIELCh(81, 4.288, 322.285)

Have a look what the booklet for
CIELCh(81, 4.288, 322.285) contains.

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Color

CIELCh(81, 4.341, 320.596)

Conversions

Conversions Part 1

Format	Color
Hex	CDC7CE
RGB	205, 199, 206
RGB Percent	80%, 78%, 81%
CMY	0.1949, 0.2185, 0.1910
CMYK	0.00, 0.03, 0.00, 0.19
HSL	291°, 7%, 80%
HSV	291°, 3%, 81%
XYZ	56.9233, 58.4711, 66.8642
YIQ	201.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

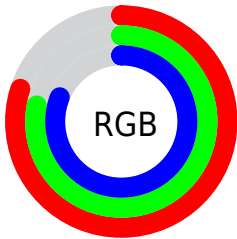
Format	Color
R _Y B	205, 199, 206
Decimal	13486030
CIE Lab	81.00, 3.35, -2.76
CIE LCh	81, 4.341, 320.596
Yxy	58.4711, 0.3123, 0.3208
Android (android.graphics.Color)	4291676110 (0xFFC7DC7CE)
YUV	201.5920, 2.1731, 2.9888
Hunter-Lab	76.4664, -0.9367, 1.6818

Details

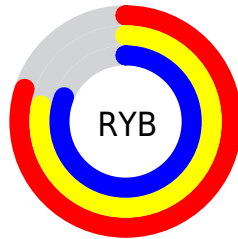
The CIELCh color $81, 4.341, 320.596$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.316, 140.384$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 4.595, 320.660$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.251, 321.098$, and if you desaturate by 10%, it is $87, 8.330, 140.222$.

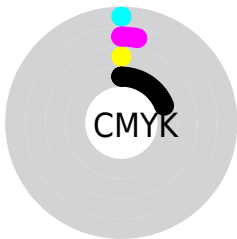
Distribution



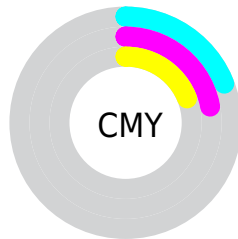
- Red (80%)
- Green (78%)
- Blue (81%)



- Red (80%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.341, 320.596 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, 4.341, 320.596 by changing the saturation by 10% instead.

■ 81, 4.341, 320.596

■ 81, 4.341, 320.596

■ 100, 4.341,
320.596

■ 71, 4.341, 320.596

■ 61, 4.341, 320.596

■ 51, 4.341, 320.596

■ 41, 4.341, 320.596

■ 31, 4.341, 320.596

■ 21, 4.341, 320.596

■ 11, 4.341, 320.596

■ 1, 4.341, 320.596

■ 0, 4.341, 320.596

81, 4.341, 320.596

81, 4.341, 320.596

76, 17.251,
321.098

87, 8.330, 140.222

70, 30.291,
321.569

92, 20.688,
139.772

65, 43.272,
322.023

96, 28.971,
138.975

60, 55.917,
322.442

96, 28.429,
137.237

56, 67.838,
322.798

96, 27.913,
135.418

52, 78.538,
323.061

97, 27.425,
133.517

49, 87.453,
323.194

97, 26.967,
131.534

46, 94.064,
323.163

97, 26.542,
129.471

■ 45, 98.074,
322.943

■ 97, 26.152,
127.328

Harmonies

Complementary

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



81, 4.341, 320.596



82, 4.316, 140.384

Rectangle

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



81, 4.341, 320.596



81, 4.341, 10.596



81, 4.341, 140.596



81, 4.341, 190.596

Sweetspot

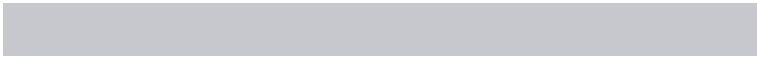
The Sweet Spot groups the original color and five complimentary colors.



81, 4.339, 320.594



99, 1.523, 320.361



81, 3.185, 283.661



53, 0.866, 320.350



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, 4.339, 320.594



97, 6.078, 320.633



81, 3.541, 336.517



42, 3.597, 320.668



35, 84.652, 322.798



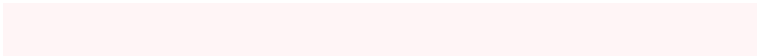
4, 27.576, 321.842

Inverse Universe

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



81, 2.633, 7.783



97, 3.693, 7.874



82, 3.520, 156.244



42, 2.189, 7.955



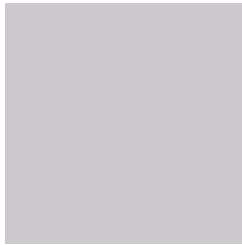
34, 69.593, 32.961



4, 18.075, 12.400

Previews

White Background



This preview shows how the CIELCh color 81, 4.341, 320.596 looks on a white background.

Color Contrast Check

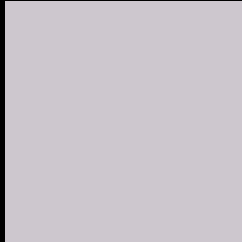
Large Text (above 18pt) WCAG AA × Fail

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, 4.341, 320.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

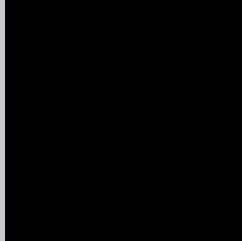
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

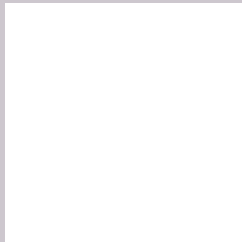
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.341, 320.596

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.341, 320.596.

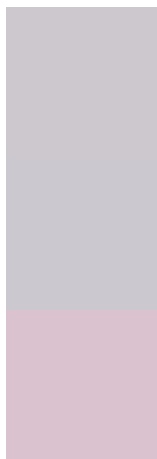


This preview shows how white text looks on a background with the CIELCh color 81, 4.341, 320.596.

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, 4.341, 320.596

Protanopia

81, 3.896, 306.669

Deuteranopia

81, 10.595, 343.328



Tritanopia
81, 9.020, 309.386

Trichromacy



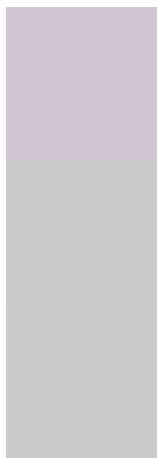
Original Color
81, 4.341, 320.596

Protanomaly
81, 4.015, 311.628

Deuteranomaly
81, 7.930, 337.988

Tritanomaly
81, 7.529, 313.227

Monochromacy



Original Color
81, 4.341, 320.596

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.768, 314.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.341, 320.596 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(205, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.341, 320.596 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(205, 199, 206) }
```

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

```
.border{ border-color:rgb(205, 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(205, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.341, 320.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 206) }
```

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

```
.background{ background-color: rgb(205,  
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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