

Converting Colors

CIELCh(81, 5.552, 326.155)

Have a look what the booklet for
CIELCh(81, 5.552, 326.155) contains.

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Color

CIELCh(81, 5.181, 324.602)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7CF
RGB	207, 199, 207
RGB Percent	81%, 78%, 81%
CMY	0.1891, 0.2205, 0.1891
CMYK	0.00, 0.04, 0.00, 0.19
HSL	300°, 8%, 80%
HSV	300°, 4%, 81%
XYZ	57.2762, 58.4711, 67.1543
YIQ	202.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

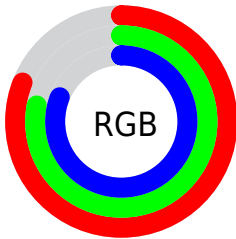
Format	Color
RYB	207, 199, 207
Decimal	13617103
CIELab	81.00, 4.22, -3.00
CIElCh	81, 5.181, 324.602
Yxy	58.4711, 0.3132, 0.3197
Android (android.graphics.Color)	4291807183 (0xFFCFC7CF)
YUV	202.3040, 2.3151, 4.1184
Hunter-Lab	76.4664, -0.1130, 1.4568

Details

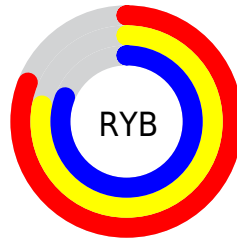
The CIELCh color `81, 5.181, 324.602` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 5.161, 144.276`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `61, 5.483, 324.682` is the 20% darker color. If you saturate the color by 10%, you get `76, 18.672, 325.186`, and if you desaturate by 10%, it is `86, 8.114, 144.145`.

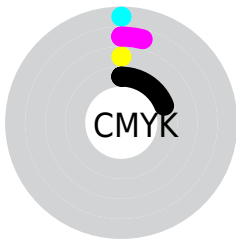
Distribution



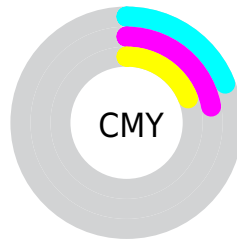
- Red (81%)
- Green (78%)
- Blue (81%)



- 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, 5.181, 324.602 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, 5.181, 324.602 by changing the saturation by 10% instead.

■ 81, 5.181, 324.602

■ 81, 5.181, 324.602

■ 100, 5.181,
324.602

■ 71, 5.181, 324.602

■ 61, 5.181, 324.602

■ 51, 5.181, 324.602

■ 41, 5.181, 324.602

■ 31, 5.181, 324.602

■ 21, 5.181, 324.602

■ 11, 5.181, 324.602

■ 1, 5.181, 324.602

■ 0, 5.181, 324.602

81, 5.181, 324.602

81, 5.181, 324.602

76, 18.672,
325.186

86, 8.114, 144.145

71, 32.198,
325.734

92, 21.102,
143.600

66, 45.508,
326.262

96, 30.214,
143.231

62, 58.255,
326.756

96, 30.214,
143.231

58, 69.996,
327.200

96, 30.214,
143.231

55, 80.219,
327.577

96, 30.214,
143.231

52, 88.420,
327.872

96, 30.214,
143.231

50, 94.224,
328.078

96, 30.214,
143.231

■ 50, 97.528,
328.193

■ 96, 30.214,
143.231

Harmonies

Complementary

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



81, 5.181, 324.602



82, 5.161, 144.276

Rectangle

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



81, 5.181, 324.602



81, 5.181, 14.602



81, 5.181, 144.602



81, 5.181, 194.602

Sweetspot

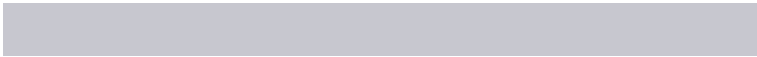
The Sweet Spot groups the original color and five complimentary colors.



81, 5.179, 324.602



99, 1.592, 324.303



80, 4.261, 290.572



53, 0.905, 324.290



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, 5.179, 324.602



97, 7.944, 324.679



81, 3.637, 343.851



42, 4.606, 324.715



40, 84.660, 328.233



6, 31.113, 327.825

Inverse Universe

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



81, 5.179, 324.602



97, 7.944, 324.679



82, 3.607, 163.452



42, 4.606, 324.715



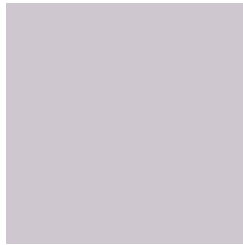
40, 84.660, 328.233



6, 31.113, 327.825

Previews

White Background



This preview shows how the CIELCh color 81, 5.181, 324.602 looks on a white background.

Color Contrast Check

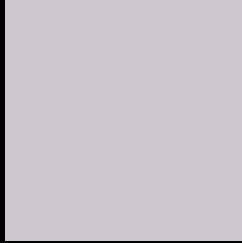
Large Text (above 18pt) WCAG AA × Fail

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, 5.181, 324.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

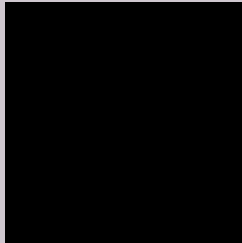
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

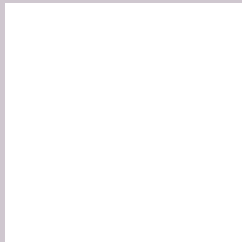
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 5.181, 324.602

Background



This preview shows how black text looks on a background with the CIELCh color 81, 5.181, 324.602.

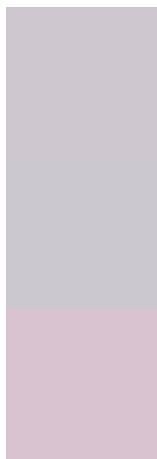


This preview shows how white text looks on a background with the CIELCh color 81, 5.181, 324.602.

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, 5.181, 324.602

Protanopia

81, 3.896, 306.669

Deuteranopia

81, 10.915, 341.092



Tritanopia
81, 8.792, 314.939

Trichromacy



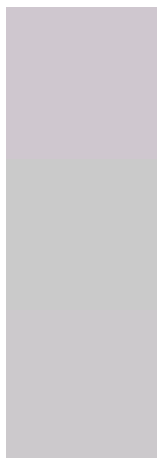
Original Color
81, 5.181, 324.602

Protanomaly
81, 4.015, 311.628

Deuteranomaly
81, 9.189, 336.217

Tritanomaly
81, 7.839, 318.121

Monochromacy



Original Color
81, 5.181, 324.602

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.950, 324.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 5.181, 324.602 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, 207)` looks like.

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

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, 207) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 81, 5.181, 324.602 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, 207) }
```

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

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

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, 207) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 81, 5.181, 324.602 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, 207) }
```

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

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

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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