

Converting Colors

CIELCh(81, 8.221, 343.222)

Have a look what the booklet for
CIELCh(81, 8.221, 343.222) contains.

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Color

CIELCh(81, 8.496, 341.390)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4CE
RGB	214, 196, 206
RGB Percent	84%, 77%, 81%
CMY	0.1593, 0.2299, 0.1907
CMYK	0.00, 0.08, 0.04, 0.16
HSL	327°, 18%, 81%
HSV	327°, 8%, 84%
XYZ	58.8480, 58.4711, 66.8119
YIQ	202.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

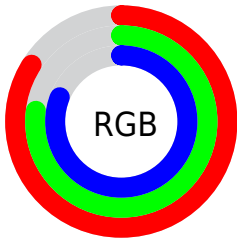
Format	Color
R _Y B	214, 196, 206
Decimal	14075086
CIE Lab	81.00, 8.05, -2.71
CIE LCh	81, 8.496, 341.390
Yxy	58.4711, 0.3196, 0.3176
Android (android.graphics.Color)	4292265166 (0xFFD6C4CE)
YUV	202.5220, 1.7147, 10.0662
Hunter-Lab	76.4664, 3.5562, 1.7223

Details

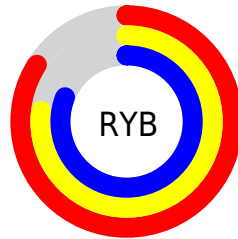
The CIELCh color $81, 8.496, 341.390$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 8.416, 160.162$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.250, 324.238$, and $61, 8.692, 339.954$ is the 20% darker color. If you saturate the color by 10%, you get $75, 18.783, 342.275$, and if you desaturate by 10%, it is $87, 1.591, 160.917$.

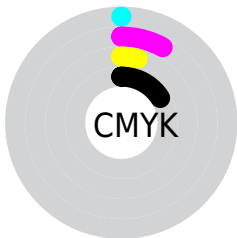
Distribution



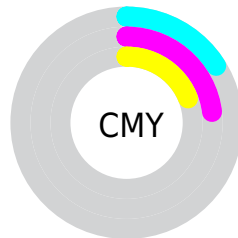
- Red (84%)
- Green (77%)
- Blue (81%)



- Red (84%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.496, 341.390 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, 8.496, 341.390 by changing the saturation by 10% instead.

81, 8.496, 341.390

81, 8.496, 341.390

100, 8.496,
341.390

71, 8.496, 341.390

61, 8.496, 341.390

51, 8.496, 341.390

41, 8.496, 341.390

31, 8.496, 341.390

21, 8.496, 341.390

11, 8.496, 341.390

1, 8.496, 341.390

0, 8.496, 341.390

81, 8.496, 341.390

81, 8.496, 341.390

75, 18.783,
342.275

87, 1.591, 160.917

70, 29.142,
343.229

92, 11.395,
159.979

65, 39.354,
344.293

97, 17.566,
162.644

60, 49.097,
345.509

97, 14.979,
177.420

56, 57.933,
346.930

97, 13.658,
196.480

53, 65.344,
348.640

97, 13.612,
198.597

50, 70.818,
350.748

48, 74.025,
353.395

■ 47,75.131,
356.683

Harmonies

Complementary

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



81, 8.496, 341.390



84, 8.416, 160.162

Rectangle

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



81, 8.496, 341.390



81, 8.496, 31.390



81, 8.496, 161.390



81, 8.496, 211.390

Sweetspot

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



81, 8.494, 341.394



98, 3.475, 340.881



80, 10.029, 307.099



52, 2.636, 340.973



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, 8.494, 341.394



93, 11.664, 341.542



81, 6.728, 14.442



42, 5.742, 341.483



37, 63.685, 356.610



5, 24.164, 350.454

Inverse Universe

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



81, 8.494, 341.394



93, 11.664, 341.542



84, 6.423, 193.371



42, 5.742, 341.483



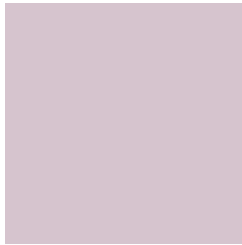
37, 63.685, 356.610



5, 24.164, 350.454

Previews

White Background



This preview shows how the CIELCh color 81, 8.496, 341.390 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, 8.496, 341.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

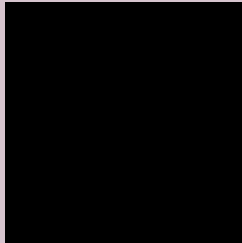
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.496, 341.390

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.496, 341.390.



This preview shows how white text looks on a background with the CIELCh color 81, 8.496, 341.390.

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, 8.496, 341.390

Protanopia

81, 4.924, 303.269

Deuteranopia

81, 10.595, 343.328



Tritanopia
81, 10.584, 331.421

Trichromacy



Original Color
81, 8.496, 341.390

Protanomaly
81, 5.627, 321.564

Deuteranomaly
81, 10.304, 342.055

Tritanomaly
81, 9.817, 335.506

Monochromacy



Original Color
81, 8.496, 341.390

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.727, 343.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.496, 341.390 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(214, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 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(214, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.496, 341.390 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(214, 196, 206) }
```

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

```
.border{ border-color:rgb(214, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.496, 341.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 206) }
```

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

```
.background{ background-color: rgb(214,  
196, 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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