

Converting Colors

CIE LCh(81, 6.132, 346.840)

Have a look what the booklet for
CIELCh(81, 6.132, 346.840) contains.

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Color

CIELCh(81, 6.067, 348.193)

Conversions

Conversions Part 1

Format	Color
Hex	D4C6CC
RGB	212, 198, 204
RGB Percent	83%, 78%, 80%
CMY	0.1703, 0.2251, 0.2016
CMYK	0.00, 0.07, 0.04, 0.17
HSL	334°, 14%, 80%
HSV	334°, 7%, 83%
XYZ	57.9769, 58.4711, 65.0934
YIQ	202.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

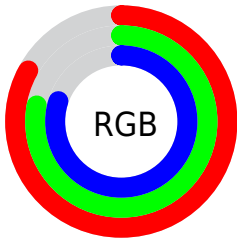
Format	Color
R _Y B	212, 198, 204
Decimal	13944524
CIE Lab	81.00, 5.94, -1.24
CIE LCh	81, 6.067, 348.193
Yxy	58.4711, 0.3194, 0.3221
Android (android.graphics.Color)	4292134604 (0xFFD4C6CC)
YUV	202.8700, 0.5571, 8.0070
Hunter-Lab	76.4664, 1.5228, 3.0548

Details

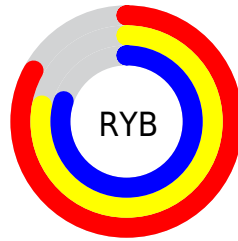
The CIELCh color $81, 6.067, 348.193$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 5.987, 167.197$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 6.097, 346.416$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.450, 349.207$, and if you desaturate by 10%, it is $87, 3.045, 167.566$.

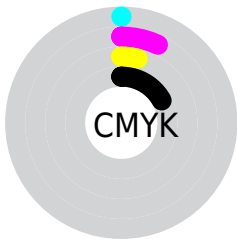
Distribution



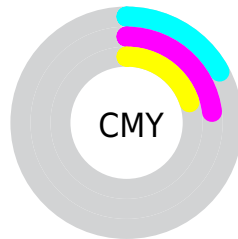
- Red (83%)
- Green (78%)
- Blue (80%)



- Red (83%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.067, 348.193 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, 6.067, 348.193 by changing the saturation by 10% instead.

■ 81, 6.067, 348.193

■ 81, 6.067, 348.193

■ 100, 6.067,
348.193

■ 71, 6.067, 348.193

■ 61, 6.067, 348.193

■ 51, 6.067, 348.193

■ 41, 6.067, 348.193

■ 31, 6.067, 348.193

■ 21, 6.067, 348.193

■ 11, 6.067, 348.193

■ 1, 6.067, 348.193

■ 0, 6.067, 348.193

81, 6.067, 348.193

81, 6.067, 348.193

75, 15.450,
349.207

87, 3.045, 167.566

70, 25.014,
350.307

92, 11.833,
166.681

65, 34.588,
351.569

97, 16.925,
171.090

60, 43.908,
353.053

97, 14.703,
192.406

56, 52.599,
354.843

97, 14.501,
198.539

52, 60.199,
357.054

49, 66.238,
359.841

47, 70.400, 3.380

Harmonies

Complementary

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



81, 6.067, 348.193



84, 5.987, 167.197

Rectangle

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



81, 6.067, 348.193



81, 6.067, 38.193



81, 6.067, 168.193



81, 6.067, 218.193

Sweetspot

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



81, 6.065, 348.201



99, 2.123, 347.626



81, 8.011, 311.623



53, 1.207, 347.605



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, 6.065, 348.201



95, 8.555, 348.350



81, 4.866, 25.479



41, 5.175, 348.480



36, 61.885, 8.523



5, 21.191, 358.426

Inverse Universe

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



81, 6.065, 348.201



95, 8.555, 348.350



83, 4.665, 205.260



41, 5.175, 348.480



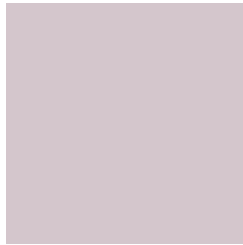
36, 61.885, 8.523



5, 21.191, 358.426

Previews

White Background



This preview shows how the CIELCh color 81, 6.067, 348.193 looks on a white background.

Color Contrast Check

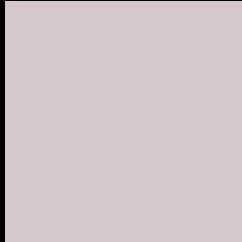
Large Text (above 18pt) WCAG AA × Fail

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, 6.067, 348.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

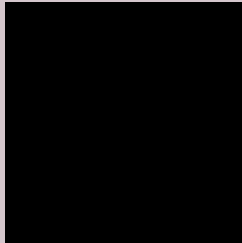
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

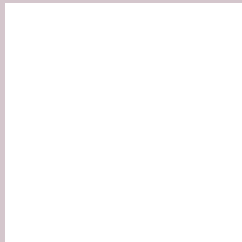
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.067, 348.193

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.067, 348.193.



This preview shows how white text looks on a background with the CIELCh color 81, 6.067, 348.193.

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, 6.067, 348.193

Protanopia

81, 3.051, 318.849

Deuteranopia

81, 10.075, 351.953



Tritanopia
81, 10.545, 326.481

Trichromacy



Original Color
81, 6.067, 348.193

Protanomaly
81, 3.974, 337.672

Deuteranomaly
81, 8.519, 350.201

Tritanomaly
81, 8.430, 330.928

Monochromacy



Original Color
81, 6.067, 348.193

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.443, 338.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.067, 348.193 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(212, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 204)  
}
```

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(212, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.067, 348.193 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(212, 198, 204) }
```

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

```
.border{ border-color:rgb(212, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.067, 348.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 204) }
```

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

```
.background{ background-color: rgb(212,  
198, 204) }
```

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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