

Converting Colors

CIELCh(80, 6.215, 346.674)

Have a look what the booklet for
CIELCh(80, 6.215, 346.674) contains.

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Color

CIELCh(80, 6.084, 348.202)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3C9
RGB	209, 195, 201
RGB Percent	82%, 76%, 79%
CMY	0.1811, 0.2360, 0.2125
CMYK	0.00, 0.07, 0.04, 0.18
HSL	334°, 13%, 79%
HSV	334°, 7%, 82%
XYZ	56.2336, 56.6813, 63.1183
YIQ	199.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

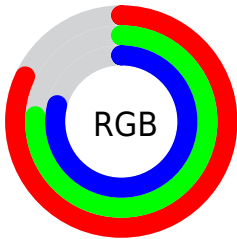
Format	Color
R _Y B	209, 195, 201
Decimal	13747145
CIE Lab	80.00, 5.96, -1.24
CIE LCh	80, 6.084, 348.202
Yxy	56.6813, 0.3194, 0.3220
Android (android.graphics.Color)	4291937225 (0xFFD1C3C9)
YUV	199.8700, 0.5571, 8.0070
Hunter-Lab	75.2870, 1.5737, 2.9940

Details

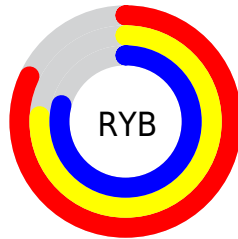
The CIELCh color $80, 6.084, 348.202$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.003, 167.189$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $60, 6.451, 348.416$ is the 20% darker color. If you saturate the color by 10%, you get $74, 15.369, 349.215$, and if you desaturate by 10%, it is $86, 2.934, 167.578$.

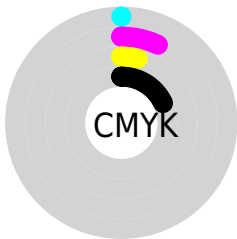
Distribution



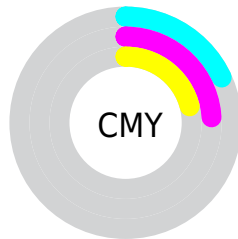
- Red (82%)
- Green (76%)
- Blue (79%)



- Red (82%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.084, 348.202 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 80, 6.084, 348.202 by changing the saturation by 10% instead.

 80, 6.084, 348.202

 80, 6.084, 348.202

 100, 6.084,
348.202

 70, 6.084, 348.202

 60, 6.084, 348.202


 50, 6.084, 348.202

 40, 6.084, 348.202

 30, 6.084, 348.202

 20, 6.084, 348.202

 10, 6.084, 348.202

 0, 6.084, 348.202

 80, 6.084, 348.202

 80, 6.084, 348.202

74, 15.369,
349.215

86, 2.934, 167.578

69, 24.832,
350.315

91, 11.631,
166.689

64, 34.303,
351.577

96, 18.616,
167.865

59, 43.521,
353.062

97, 15.979,
186.463

55, 52.117,
354.852

97, 15.373,
198.483

51, 59.631,
357.063

48, 65.600,
359.850

46, 69.714, 3.387

45, 72.055, 7.808

Harmonies

Complementary

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



80, 6.084, 348.202



83, 6.003, 167.189

Rectangle

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



80, 6.084, 348.202



80, 6.084, 38.202



80, 6.084, 168.202



80, 6.084, 218.202

Sweetspot

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



80, 6.082, 348.210



99, 2.123, 347.627



80, 8.033, 311.626



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.



80, 6.082, 348.210



95, 8.555, 348.350



80, 4.880, 25.484



41, 5.175, 348.481



36, 61.885, 8.524



5, 21.191, 358.426

Inverse Universe

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



80, 6.082, 348.210



95, 8.555, 348.350



82, 4.677, 205.256



41, 5.175, 348.481



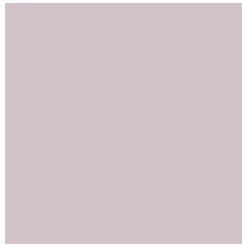
36, 61.885, 8.524



5, 21.191, 358.426

Previews

White Background



This preview shows how the CIELCh color 80, 6.084, 348.202 looks on a white background.

Color Contrast Check

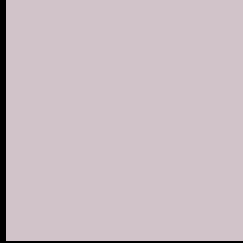
Large Text (above 18pt) WCAG AA × Fail

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 80, 6.084, 348.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

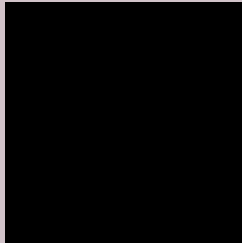
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

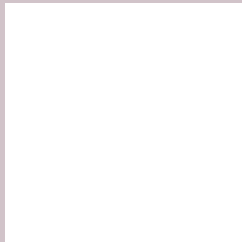
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.084, 348.202

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.084, 348.202.



This preview shows how white text looks on a background with the CIELCh color 80, 6.084, 348.202.

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


80, 6.084, 348.202

Protanopia

80, 3.059, 318.851

Deuteranopia

80, 10.104, 351.968



Tritanopia
80, 9.924, 326.565

Trichromacy



Original Color
80, 6.084, 348.202

Protanomaly
80, 4.361, 332.516

Deuteranomaly
80, 8.543, 350.214

Tritanomaly
80, 8.696, 332.794

Monochromacy



Original Color
80, 6.084, 348.202

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 2.134, 349.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.084, 348.202 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(209, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 201)  
}
```

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(209, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.084, 348.202 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(209, 195, 201) }
```

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

```
.border{ border-color:rgb(209, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.084, 348.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 201) }
```

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

```
.background{ background-color: rgb(209,  
195, 201) }
```

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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