

Converting Colors

CIELCh(80, 5.668, 355.711)

Have a look what the booklet for
CIELCh(80, 5.668, 355.711) contains.

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Color

CIELCh(80, 5.606, 357.496)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3C7
RGB	209, 195, 199
RGB Percent	82%, 76%, 78%
CMY	0.1806, 0.2354, 0.2198
CMYK	0.00, 0.07, 0.05, 0.18
HSL	343°, 13%, 79%
HSV	343°, 7%, 82%
XYZ	56.0911, 56.6813, 61.9907
YIQ	199.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

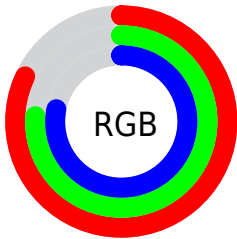
Format	Color
R _Y B	209, 195, 199
Decimal	13747143
CIE Lab	80.00, 5.60, -0.24
CIE LCh	80, 5.606, 357.496
Yxy	56.6813, 0.3210, 0.3243
Android (android.graphics.Color)	4291937223 (0xFFD1C3C7)
YUV	199.6420, -0.3165, 8.2070
Hunter-Lab	75.2870, 1.2358, 3.8820

Details

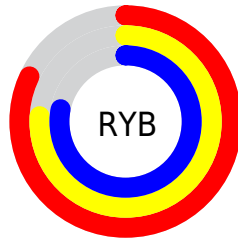
The CIELCh color $80, 5.606, 357.496$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 5.488, 176.450$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $60, 5.953, 357.729$ is the 20% darker color. If you saturate the color by 10%, you get $74, 14.264, 358.610$, and if you desaturate by 10%, it is $86, 2.693, 176.870$.

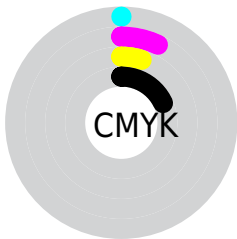
Distribution



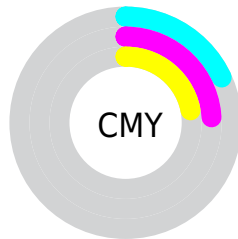
- Red (82%)
- Green (76%)
- Blue (78%)



- Red (82%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.606, 357.496 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, 5.606, 357.496 by changing the saturation by 10% instead.

■ 80, 5.606, 357.496

■ 80, 5.606, 357.496

■ 100, 5.606,
357.496

■ 70, 5.606, 357.496

■ 60, 5.606, 357.496

■ 50, 5.606, 357.496

■ 40, 5.606, 357.496

■ 30, 5.606, 357.496

■ 20, 5.606, 357.496

■ 10, 5.606, 357.496

■ 0, 5.606, 357.496

■ 80, 5.606, 357.496

■ 80, 5.606, 357.496

74, 14.264,
358.610

86, 2.693, 176.870

69, 23.225,
359.847

92, 10.606,
175.926

64, 32.359, 1.307

97, 16.787,
178.254

59, 41.453, 3.077

97, 15.327,
198.486

54, 50.193, 5.268

51, 58.188, 8.026

48, 65.050, 11.523

46, 70.558, 15.903

44, 74.850, 21.161

Harmonies

Complementary

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



80, 5.606, 357.496



83, 5.488, 176.450

Rectangle

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



80, 5.606, 357.496



80, 5.606, 47.496



80, 5.606, 177.496



80, 5.606, 227.496

Sweetspot

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



80, 5.604, 357.509



99, 1.950, 356.859



80, 8.301, 315.989



53, 1.109, 356.834



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, 5.604, 357.509



95, 7.891, 357.661



81, 4.410, 39.218



41, 4.778, 357.804



35, 64.538, 21.971



4, 20.443, 6.271

Inverse Universe

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



80, 5.604, 357.509



95, 7.891, 357.661



82, 4.235, 219.787



41, 4.778, 357.804



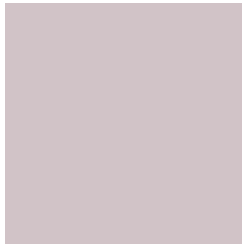
35, 64.538, 21.971



4, 20.443, 6.271

Previews

White Background



This preview shows how the CIELCh color 80, 5.606, 357.496 looks on a white background.

Color Contrast Check

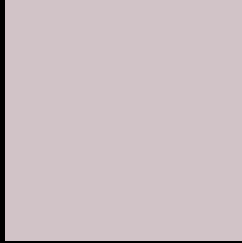
Large Text (above 18pt) WCAG AA × Fail

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, 5.606, 357.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

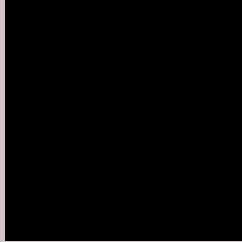
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 5.606, 357.496

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.606, 357.496.



This preview shows how white text looks on a background with the CIELCh color 80, 5.606, 357.496.

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, 5.606, 357.496

Protanopia

80, 2.186, 332.319

Deuteranopia

80, 10.213, 355.647



Tritanopia
80, 10.574, 326.487

Trichromacy



Original Color
80, 5.606, 357.496

Protanomaly
80, 3.649, 343.857

Deuteranomaly
80, 8.634, 354.562

Tritanomaly
80, 8.315, 335.276

Monochromacy



Original Color
80, 5.606, 357.496

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, 5.606, 357.496 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.606, 357.496 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, 199) }
```

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

```
.border{ border-color:rgb(209, 195, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.606, 357.496 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, 199) }
```

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

```
.background{ background-color: rgb(209,  
195, 199) }
```

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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