

Converting Colors

CIELCh(80, 6.884, 336.057)

Have a look what the booklet for
CIELCh(80, 6.884, 336.057) contains.

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Color

CIELCh(80, 6.784, 334.972)

Conversions

Conversions Part 1

Format	Color
Hex	D0C3CC
RGB	208, 195, 204
RGB Percent	82%, 76%, 80%
CMY	0.1850, 0.2360, 0.2007
CMYK	0.00, 0.06, 0.02, 0.19
HSL	318°, 12%, 79%
HSV	318°, 6%, 81%
XYZ	56.3106, 56.6813, 64.9827
YIQ	199.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

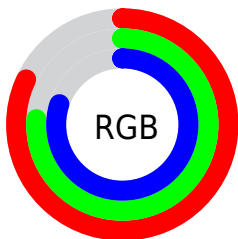
Format	Color
R _Y B	208, 195, 204
Decimal	13681612
CIE Lab	80.00, 6.15, -2.87
CIE LCh	80, 6.784, 334.972
Yxy	56.6813, 0.3164, 0.3185
Android (android.graphics.Color)	4291871692 (0xFFD0C3CC)
YUV	199.9130, 2.0149, 7.0923
Hunter-Lab	75.2870, 1.7562, 1.5257

Details

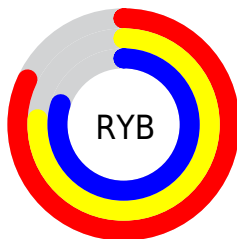
The CIELCh color $80, 6.784, 334.972$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 6.749, 154.220$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $60, 7.184, 335.125$ is the 20% darker color. If you saturate the color by 10%, you get $75, 17.755, 335.720$, and if you desaturate by 10%, it is $85, 4.007, 154.445$.

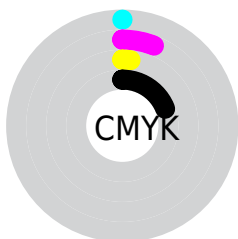
Distribution



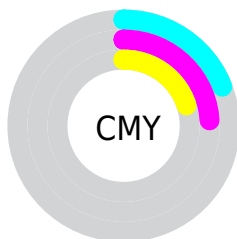
- Red (82%)
- Green (76%)
- Blue (80%)



- Red (82%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.784, 334.972 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, 6.784, 334.972 by changing the saturation by 10% instead.

■ 80, 6.784, 334.972

■ 80, 6.784, 334.972

■ 100, 6.784,
334.972

■ 70, 6.784, 334.972

■ 60, 6.784, 334.972

■ 50, 6.784, 334.972

■ 40, 6.784, 334.972

■ 30, 6.784, 334.972

■ 20, 6.784, 334.972

■ 10, 6.784, 334.972

■ 0, 6.784, 334.972

■ 80, 6.784, 334.972

■ 80, 6.784, 334.972

75, 17.755,
335.720

85, 4.007, 154.445

69, 28.774,
336.488

91, 14.532,
153.751

65, 39.622,
337.307

96, 23.451,
153.776

60, 49.979,
338.194

96, 21.160,
159.861

56, 59.420,
339.170

96, 19.135,
167.278

52, 67.430,
340.268

97, 17.471,
176.230

50, 73.484,
341.541

97, 16.284,
186.731

48, 77.182,
343.057

97, 15.686,
198.426

46, 78.454,

97, 15.685,
198.462

344.896

Harmonies

Complementary

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



80, 6.784, 334.972



82, 6.749, 154.220

Rectangle

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



80, 6.784, 334.972



80, 6.784, 24.972



80, 6.784, 154.972



80, 6.784, 204.972

Sweetspot

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



80, 6.782, 334.975



99, 2.556, 334.579



79, 7.103, 302.157



53, 1.453, 334.563



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, 6.782, 334.975



95, 10.259, 335.115



80, 5.013, 3.718



41, 6.200, 335.213



37, 67.381, 345.303



5, 24.561, 341.386

Inverse Universe

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



80, 6.782, 334.975



95, 10.259, 335.115



82, 4.888, 182.806



41, 6.200, 335.213



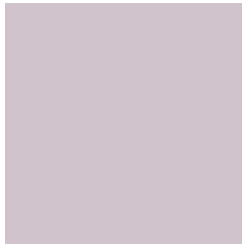
37, 67.381, 345.303



5, 24.561, 341.386

Previews

White Background



This preview shows how the CIELCh color 80, 6.784, 334.972 looks on a white background.

Color Contrast Check

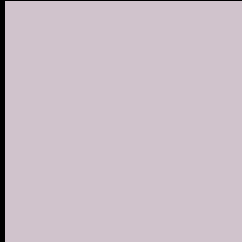
Large Text (above 18pt) WCAG AA × Fail

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 80, 6.784, 334.972 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, 6.784, 334.972

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.784, 334.972.



This preview shows how white text looks on a background with the CIELCh color 80, 6.784, 334.972.

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, 6.784, 334.972

Protanopia

80, 4.420, 304.768

Deuteranopia

80, 10.624, 343.340



Tritanopia
80, 9.715, 324.807

Trichromacy



Original Color
80, 6.784, 334.972

Protanomaly
80, 5.461, 318.294

Deuteranomaly
80, 9.136, 340.278

Tritanomaly
80, 8.862, 328.694

Monochromacy



Original Color
80, 6.784, 334.972

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 2.447, 338.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.784, 334.972 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(208, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 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(208, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.784, 334.972 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(208, 195, 204) }
```

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

```
.border{ border-color:rgb(208, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.784, 334.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 204) }
```

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

```
.background{ background-color: rgb(208,  
195, 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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