

Converting Colors

CIELCh(80, 6.917, 338.544)

Have a look what the booklet for
CIELCh(80, 6.917, 338.544) contains.

CIELCh(80, 6.699, 340.450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 6.699, 340.450)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3CB
RGB	209, 195, 203
RGB Percent	82%, 76%, 80%
CMY	0.1817, 0.2366, 0.2052
CMYK	0.00, 0.07, 0.03, 0.18
HSL	326°, 13%, 79%
HSV	326°, 7%, 82%
XYZ	56.3774, 56.6813, 64.2580
YIQ	200.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

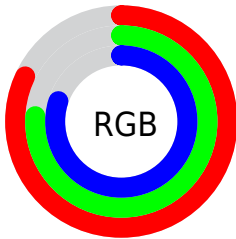
Format	Color
R _Y B	209, 195, 203
Decimal	13747147
CIE Lab	80.00, 6.31, -2.24
CIE LCh	80, 6.699, 340.450
Yxy	56.6813, 0.3179, 0.3197
Android (android.graphics.Color)	4291937227 (0xFFD1C3CB)
YUV	200.0980, 1.4307, 7.8071
Hunter-Lab	75.2870, 1.9145, 2.0965

Details

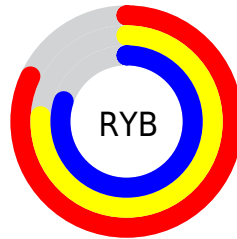
The CIELCh color $80, 6.699, 340.450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 6.646, 159.537$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $60, 7.097, 340.635$ is the 20% darker color. If you saturate the color by 10%, you get $75, 16.841, 341.315$, and if you desaturate by 10%, it is $86, 3.237, 159.879$.

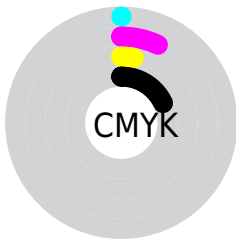
Distribution



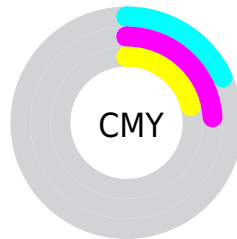
- Red (82%)
- Green (76%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.699, 340.450 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, 6.699, 340.450 by changing the saturation by 10% instead.

80, 6.699, 340.450

80, 6.699, 340.450

100, 6.699,
340.450

70, 6.699, 340.450

60, 6.699, 340.450

50, 6.699, 340.450

40, 6.699, 340.450

30, 6.699, 340.450

20, 6.699, 340.450

10, 6.699, 340.450

0, 6.699, 340.450

80, 6.699, 340.450

80, 6.699, 340.450

75, 16.841,
341.315

86, 3.237, 159.879

69, 27.074,
342.230

91, 12.893,
159.089

64, 37.196,
343.244

96, 20.905,
159.509

60, 46.907,
344.390

97, 18.151,
170.409

55, 55.797,
345.718

97, 16.203,
184.446

52, 63.367,
347.297

97, 15.420,
198.479

49, 69.102,
349.226

47, 72.629,
351.634

46, 73.938,

354.647

Harmonies

Complementary

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



80, 6.699, 340.450



82, 6.646, 159.537

Rectangle

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



80, 6.699, 340.450



80, 6.699, 30.450



80, 6.699, 160.450



80, 6.699, 210.450

Sweetspot

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



80, 6.697, 340.455



99, 2.343, 339.957



80, 7.790, 306.419



53, 1.332, 339.939



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, 6.697, 340.455



95, 9.415, 340.575



80, 5.236, 12.932



41, 5.692, 340.688



36, 63.347, 355.148



5, 22.641, 349.231

Inverse Universe

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



80, 6.697, 340.455



95, 9.415, 340.575



83, 5.052, 192.123



41, 5.692, 340.688



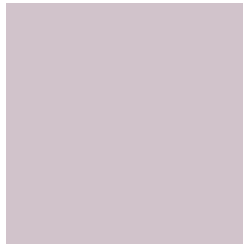
36, 63.347, 355.148



5, 22.641, 349.231

Previews

White Background



This preview shows how the CIELCh color 80, 6.699, 340.450 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, 6.699, 340.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

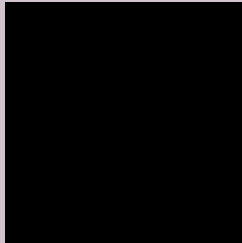
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

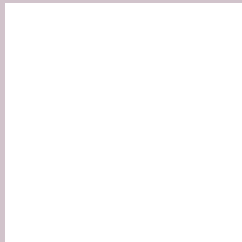
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.699, 340.450

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.699, 340.450.



This preview shows how white text looks on a background with the CIELCh color 80, 6.699, 340.450.

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, 6.699, 340.450

Protanopia

80, 3.907, 306.671

Deuteranopia

80, 10.322, 345.715



Tritanopia
80, 9.924, 326.565

Trichromacy



Original Color
80, 6.699, 340.450

Protanomaly
80, 4.998, 321.143

Deuteranomaly
80, 9.107, 344.389

Tritanomaly
80, 9.092, 330.527

Monochromacy



Original Color
80, 6.699, 340.450

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, 6.699, 340.450 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.699, 340.450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

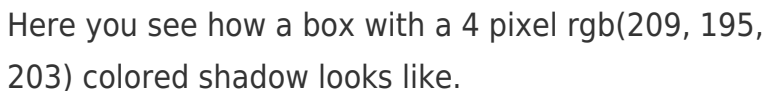
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 195, 203) }
```

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

```
.border{ border-color:rgb(209, 195, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 195, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 195, 203); box-shadow:4px 4px 4px 4px rgb(209, 195, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.699, 340.450 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, 203) }
```

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

```
.background{ background-color: rgb(209,  
195, 203) }
```

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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