

Converting Colors

CIELCh(80, 8.017, 332.233)

Have a look what the booklet for
CIELCh(80, 8.017, 332.233) contains.

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Color

CIELCh(80, 8.060, 333.401)

Conversions

Conversions Part 1

Format	Color
Hex	D1C2CD
RGB	209, 194, 205
RGB Percent	82%, 76%, 80%
CMY	0.1796, 0.2384, 0.1952
CMYK	0.00, 0.07, 0.02, 0.18
HSL	316°, 14%, 79%
HSV	316°, 7%, 82%
XYZ	56.7381, 56.6813, 65.8418
YIQ	199.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

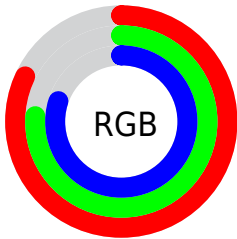
Format	Color
R _Y B	209, 194, 205
Decimal	13746893
CIE Lab	80.00, 7.21, -3.61
CIE LCh	80, 8.060, 333.401
Yxy	56.6813, 0.3165, 0.3162
Android (android.graphics.Color)	4291936973 (0xFFD1C2CD)
YUV	199.7390, 2.5937, 8.1219
Hunter-Lab	75.2870, 2.7698, 0.8492

Details

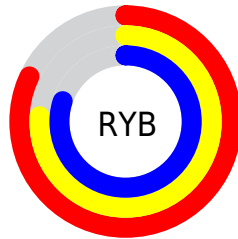
The CIELCh color `80, 8.060, 333.401` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 8.024, 152.535`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.114, 324.451`, and `60, 8.534, 333.565` is the 20% darker color. If you saturate the color by 10%, you get `75, 19.421, 334.112`, and if you desaturate by 10%, it is `85, 3.138, 152.905`.

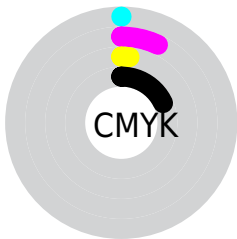
Distribution



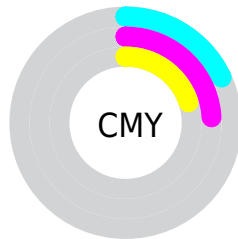
- Red (82%)
- Green (76%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.060, 333.401 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, 8.060, 333.401 by changing the saturation by 10% instead.

■ 80, 8.060, 333.401

■ 80, 8.060, 333.401

■ 100, 8.060,
333.401

■ 70, 8.060, 333.401

■ 60, 8.060, 333.401

■ 50, 8.060, 333.401

■ 40, 8.060, 333.401

■ 30, 8.060, 333.401

■ 20, 8.060, 333.401

■ 10, 8.060, 333.401

■ 0, 8.060, 333.401

■ 80, 8.060, 333.401

■ 80, 8.060, 333.401

75, 19.421,
334.112

85, 3.138, 152.905

70, 30.801,
334.841

91, 14.075,
152.208

65, 41.962,
335.610

96, 23.511,
152.107

60, 52.566,
336.428

96, 21.446,
157.192

56, 62.168,
337.310

96, 19.563,
163.269

53, 70.242,
338.283

97, 17.923,
170.511

50, 76.265,
339.385

97, 16.600,
179.024

48, 79.860,
340.671

97, 15.677,
188.744

47, 81.023,

97, 15.246,
198.491

Harmonies

Complementary

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



80, 8.060, 333.401



83, 8.024, 152.535

Rectangle

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



80, 8.060, 333.401



80, 8.060, 23.401



80, 8.060, 153.401



80, 8.060, 203.401

Sweetspot

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



80, 8.058, 333.403



99, 2.633, 332.958



79, 8.166, 300.982



53, 1.497, 332.943



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, 8.058, 333.403



94, 11.895, 333.542



80, 5.869, 1.325



41, 6.385, 333.563



37, 69.208, 342.375



5, 25.324, 339.060

Inverse Universe

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



80, 8.058, 333.403



94, 11.895, 333.542



83, 5.719, 180.187



41, 6.385, 333.563



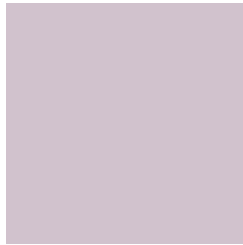
37, 69.208, 342.375



5, 25.324, 339.060

Previews

White Background



This preview shows how the CIELCh color 80, 8.060, 333.401 looks on a white background.

Color Contrast Check

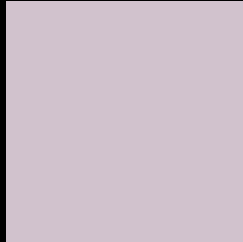
Large Text (above 18pt) WCAG AA × Fail

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, 8.060, 333.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

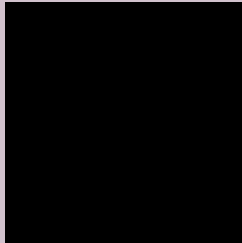
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 8.060, 333.401

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.060, 333.401.



This preview shows how white text looks on a background with the CIELCh color 80, 8.060, 333.401.

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, 8.060, 333.401

Protanopia

80, 5.395, 298.323

Deuteranopia

80, 11.009, 337.695



Tritanopia
80, 9.924, 326.565

Trichromacy



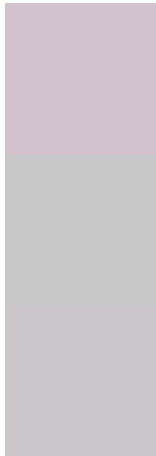
Original Color
80, 8.060, 333.401

Protanomaly
80, 5.937, 315.903

Deuteranomaly
80, 9.844, 335.515

Tritanomaly
80, 9.502, 328.457

Monochromacy



Original Color
80, 8.060, 333.401

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 2.827, 330.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.060, 333.401 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, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 205)  
}
```

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, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.060, 333.401 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, 194, 205) }
```

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

```
.border{ border-color:rgb(209, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.060, 333.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 205) }
```

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

```
.background{ background-color: rgb(209,  
194, 205) }
```

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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