

Converting Colors

CIELCh(80, 7.173, 327.393)

Have a look what the booklet for
CIELCh(80, 7.173, 327.393) contains.

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Color

CIELCh(80, 7.348, 327.063)

Conversions

Conversions Part 1

Format	Color
Hex	CFC3CE
RGB	207, 195, 206
RGB Percent	81%, 76%, 81%
CMY	0.1887, 0.2357, 0.1926
CMYK	0.00, 0.06, 0.00, 0.19
HSL	305°, 11%, 79%
HSV	305°, 6%, 81%
XYZ	56.3187, 56.6813, 66.2941
YIQ	199.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

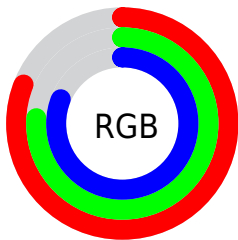
Format	Color
R _{YB}	207, 195, 206
Decimal	13616078
CIE Lab	80.00, 6.17, -4.00
CIE LCh	80, 7.348, 327.063
Yxy	56.6813, 0.3141, 0.3161
Android (android.graphics.Color)	4291806158 (0xFFCFC3CE)
YUV	199.8420, 3.0359, 6.2776
Hunter-Lab	75.2870, 1.7753, 0.4929

Details

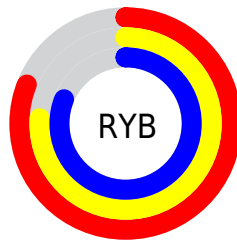
The CIELCh color `80, 7.348, 327.063` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 7.326, 146.471`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 1.871, 324.342`, and `60, 7.780, 327.180` is the 20% darker color. If you saturate the color by 10%, you get `75, 20.123, 327.662`, and if you desaturate by 10%, it is `85, 5.260, 146.594`.

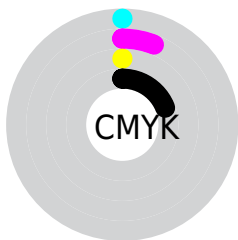
Distribution



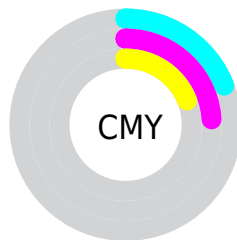
- Red (81%)
- Green (76%)
- Blue (81%)



- Red (81%)
- Yellow (76%)
- Blue (81%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.348, 327.063 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, 7.348, 327.063 by changing the saturation by 10% instead.

■ 80, 7.348, 327.063

■ 80, 7.348, 327.063

■ 100, 7.348,
327.063

■ 70, 7.348, 327.063

■ 60, 7.348, 327.063

■ 50, 7.348, 327.063

■ 40, 7.348, 327.063

■ 30, 7.348, 327.063

■ 20, 7.348, 327.063

■ 10, 7.348, 327.063

■ 0, 7.348, 327.063

■ 80, 7.348, 327.063

■ 80, 7.348, 327.063

75, 20.123,
327.662

85, 5.260, 146.594

70, 32.902,
328.246

91, 17.590,
146.012

65, 45.433,
328.823

96, 28.395,
145.631

61, 57.363,
329.383

96, 27.685,
146.704

57, 68.242,
329.918

96, 26.983,
147.830

54, 77.552,
330.419

96, 26.291,
149.013

51, 84.786,
330.882

96, 25.608,
150.256

49, 89.583,
331.311

96, 24.936,
151.564

48, 91.882,

96, 24.276,
152.941

331.717

Harmonies

Complementary

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



80, 7.348, 327.063



82, 7.326, 146.471

Rectangle

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



80, 7.348, 327.063



80, 7.348, 17.063



80, 7.348, 147.063



80, 7.348, 197.063

Sweetspot

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



80, 7.346, 327.064



99, 3.000, 326.777



79, 6.427, 293.958



53, 1.706, 326.766



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, 7.346, 327.064



96, 10.517, 327.144



80, 5.176, 348.824



42, 5.807, 327.172



39, 79.337, 331.827



5, 29.193, 330.704

Inverse Universe

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



80, 7.346, 327.064



96, 10.517, 327.144



82, 5.113, 167.982



42, 5.807, 327.172



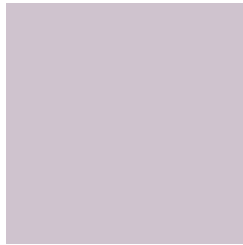
39, 79.337, 331.827



5, 29.193, 330.704

Previews

White Background



This preview shows how the CIELCh color 80, 7.348, 327.063 looks on a white background.

Color Contrast Check

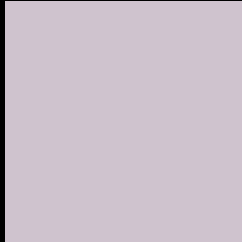
Large Text (above 18pt) WCAG AA × Fail

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, 7.348, 327.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

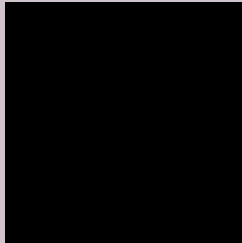
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

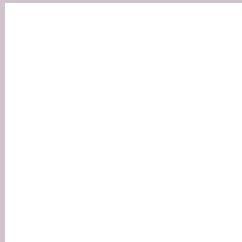
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.348, 327.063

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.348, 327.063.



This preview shows how white text looks on a background with the CIELCh color 80, 7.348, 327.063.

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, 7.348, 327.063

Protanopia

80, 5.395, 298.323

Deuteranopia

80, 11.009, 337.695



Tritanopia
80, 9.787, 319.500

Trichromacy



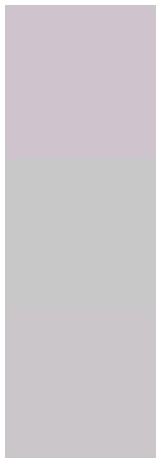
Original Color
80, 7.348, 327.063

Protanomaly
80, 6.284, 310.843

Deuteranomaly
80, 9.588, 333.935

Tritanomaly
80, 9.326, 321.076

Monochromacy



Original Color
80, 7.348, 327.063

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, 7.348, 327.063 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(207, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 206)  
}
```

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(207, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.348, 327.063 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(207, 195, 206) }
```

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

```
.border{ border-color:rgb(207, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.348, 327.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 206) }
```

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

```
.background{ background-color: rgb(207,  
195, 206) }
```

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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