

Converting Colors

CIELCh(80, 1.452, 340.323)

Have a look what the booklet for
CIELCh(80, 1.452, 340.323) contains.

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Color

CIELCh(80, 1.232, 353.447)

Conversions

Conversions Part 1

Format	Color
Hex	C9C6C7
RGB	201, 198, 199
RGB Percent	79%, 78%, 78%
CMY	0.2133, 0.2250, 0.2211
CMYK	0.00, 0.01, 0.01, 0.21
HSL	340°, 3%, 78%
HSV	340°, 1%, 79%
XYZ	54.3533, 56.6813, 61.8737
YIQ	199.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

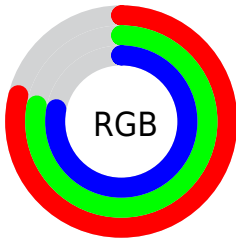
Format	Color
R _Y B	201, 198, 199
Decimal	13223623
CIE Lab	80.00, 1.22, -0.14
CIE LCh	80, 1.232, 353.447
Yxy	56.6813, 0.3143, 0.3278
Android (android.graphics.Color)	4291413703 (0xFFC9C6C7)
YUV	199.0110, -0.0054, 1.7444
Hunter-Lab	75.2870, -2.8844, 3.9741

Details

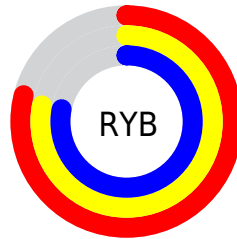
The CIELCh color **80, 1.232, 353.447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 1.215, 173.991**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **60, 1.305, 353.588** is the 20% darker color. If you saturate the color by 10%, you get **75, 9.621, 354.785**, and if you desaturate by 10%, it is **86, 6.823, 173.097**.

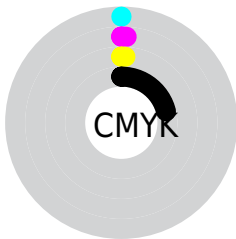
Distribution



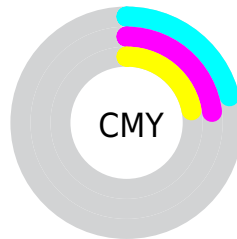
- Red (79%)
- Green (78%)
- Blue (78%)



- Red (79%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 1.232, 353.447 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, 1.232, 353.447 by changing the saturation by 10% instead.

■ 80, 1.232, 353.447

■ 80, 1.232, 353.447

100, 1.232,
353.447

■ 70, 1.232, 353.447

■ 60, 1.232, 353.447

■ 50, 1.232, 353.447

■ 40, 1.232, 353.447

■ 30, 1.232, 353.447

■ 20, 1.232, 353.447

■ 10, 1.232, 353.447

■ 0, 1.232, 353.447

■ 80, 1.232, 353.447

■ 80, 1.232, 353.447

75, 9.621, 354.785

86, 6.823, 173.097

69, 18.302,
355.906

91, 14.527,
172.302

64, 27.174,
357.193

96, 20.403,
174.043

59, 36.063,
358.718

96, 18.106,
193.682

55, 44.701, 0.569

96, 17.913,
198.320

51, 52.725, 2.864

47, 59.719, 5.758

45, 65.336, 9.427

43, 69.476, 14.010

Harmonies

Complementary

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



80, 1.232, 353.447



81, 1.215, 173.991

Rectangle

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



80, 1.232, 353.447



80, 1.232, 43.447



80, 1.232, 173.447



80, 1.232, 223.447

Sweetspot

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



80, 1.230, 353.496

100, 0.012, 296.813



80, 1.771, 314.634



53, 0.007, 296.813



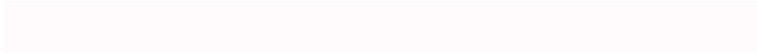
0, 0.000, 0.000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 1.230, 353.496



99, 2.001, 353.645



80, 0.950, 35.098



42, 0.928, 353.608



34, 61.765, 17.535



4, 16.664, 2.565

Inverse Universe

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



80, 1.230, 353.496



99, 2.001, 353.645



80, 0.944, 216.279



42, 0.928, 353.608



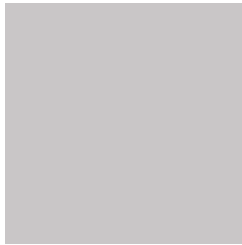
34, 61.765, 17.535



4, 16.664, 2.565

Previews

White Background



This preview shows how the CIELCh color 80, 1.232, 353.447 looks on a white background.

Color Contrast Check

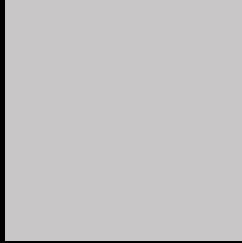
Large Text (above 18pt) WCAG AA × Fail

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, 1.232, 353.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

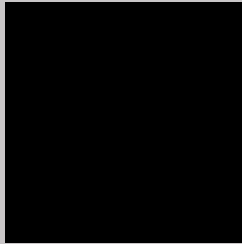
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

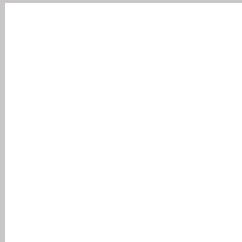
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 1.232, 353.447

Background



This preview shows how black text looks on a background with the CIELCh color 80, 1.232, 353.447.

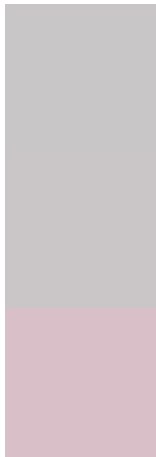


This preview shows how white text looks on a background with the CIELCh color 80, 1.232, 353.447.

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, 1.232, 353.447

Protanopia

80, 1.922, 3.204

Deuteranopia

80, 10.213, 355.647



Tritanopia
80, 8.418, 308.207

Trichromacy



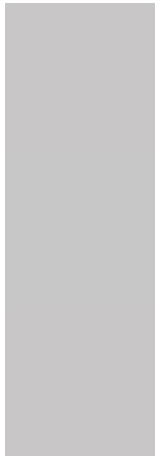
Original Color
80, 1.232, 353.447

Protanomaly
80, 1.572, 359.384

Deuteranomaly
80, 6.843, 357.056

Tritanomaly
80, 5.153, 311.141

Monochromacy



Original Color
80, 1.232, 353.447

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 0.917, 343.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 1.232, 353.447 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(201, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 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(201, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 1.232, 353.447 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(201, 198, 199) }
```

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

```
.border{ border-color:rgb(201, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 198, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 198, 199); box-shadow:4px 4px 4px 4px rgb(201, 198, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 1.232, 353.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 199) }
```

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

```
.background{ background-color: rgb(201,  
198, 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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