

Converting Colors

CIELCh(80, 0.740, 257.102)

Have a look what the booklet for
CIELCh(80, 0.740, 257.102) contains.

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Color

CIELCh(80, 1.129, 271.521)

Conversions

Conversions Part 1

Format	Color
Hex	C5C6C8
RGB	197, 198, 200
RGB Percent	77%, 78%, 78%
CMY	0.2259, 0.2220, 0.2141
CMYK	0.01, 0.01, 0.00, 0.21
HSL	220°, 3%, 78%
HSV	220°, 1%, 79%
XYZ	53.8856, 56.6813, 62.9874
YIQ	197.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

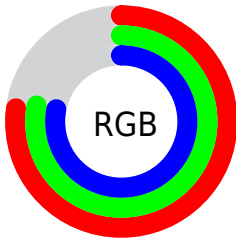
Format	Color
RYB	197, 198, 200
Decimal	12961480
CIELab	80.00, 0.03, -1.13
CIELCh	80, 1.129, 271.521
Yxy	56.6813, 0.3105, 0.3266
Android (android.graphics.Color)	4291151560 (0xFFC5C6C8)
YUV	197.9290, 1.0210, -0.8147
Hunter-Lab	75.2870, -3.9934, 3.0971

Details

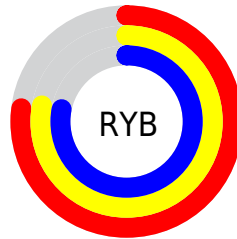
The CIELCh color `80, 1.129, 271.521` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 1.111, 90.636`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `60, 1.194, 271.530` is the 20% darker color. If you saturate the color by 10%, you get `75, 8.664, 272.583`, and if you desaturate by 10%, it is `85, 6.290, 90.026`.

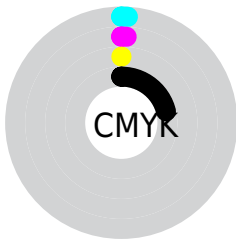
Distribution



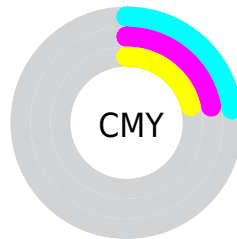
- Red (77%)
- Green (78%)
- Blue (78%)



- Red (77%)
- Yellow (78%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 1.129, 271.521 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, 1.129, 271.521 by changing the saturation by 10% instead.

■ 80, 1.129, 271.521

■ 80, 1.129, 271.521

100, 1.129,
271.521

■ 70, 1.129, 271.521

■ 60, 1.129, 271.521

■ 50, 1.129, 271.521

■ 40, 1.129, 271.521

■ 30, 1.129, 271.521

■ 20, 1.129, 271.521

■ 10, 1.129, 271.521

■ 0, 1.129, 271.521

■ 80, 1.129, 271.521

■ 80, 1.129, 271.521

75, 8.664, 272.583

85, 6.290, 90.026

70, 16.320,
274.128

90, 13.588, 89.045

65, 24.099,
275.946

95, 20.441, 90.705

60, 32.011,
278.074

98, 25.994,
105.481

55, 40.078,
280.552

99, 27.536,
108.086

50, 48.330,
283.406

46, 56.804,
286.622

42, 65.513,
290.130

37, 74.387,
293.776

Harmonies

Complementary

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



80, 1.129, 271.521



80, 1.111, 90.636

Rectangle

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



80, 1.129, 271.521



80, 1.129, 321.521



80, 1.129, 91.521



80, 1.129, 141.521

Sweetspot

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



80, 1.128, 271.432

100, 0.012, 296.813



80, 1.231, 172.830



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, 1.128, 271.432



99, 1.828, 271.443



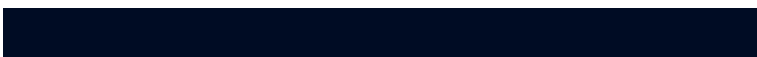
80, 1.619, 296.173



42, 0.847, 271.436



28, 69.240, 296.190



3, 16.638, 280.892

Inverse Universe

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



80, 1.234, 353.375



99, 2.003, 353.522



81, 1.595, 115.945



42, 0.929, 353.485



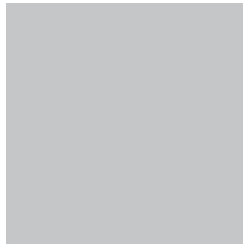
34, 61.724, 17.363



4, 16.673, 2.468

Previews

White Background



This preview shows how the CIELCh color 80, 1.129, 271.521 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, 1.129, 271.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

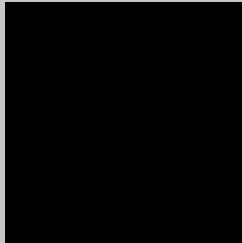
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

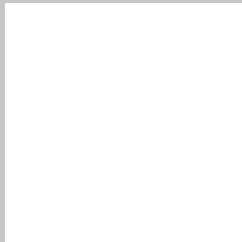
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 1.129, 271.521

Background



This preview shows how black text looks on a background with the CIELCh color 80, 1.129, 271.521.

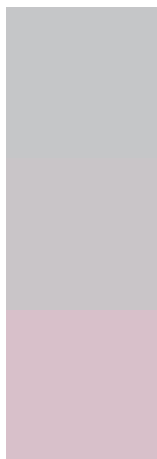


This preview shows how white text looks on a background with the CIELCh color 80, 1.129, 271.521.

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, 1.129, 271.521

Protanopia

80, 2.186, 332.319

Deuteranopia

80, 10.356, 349.364



Tritanopia
80, 8.042, 295.972

Trichromacy



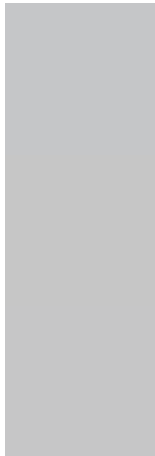
Original Color
80, 1.129, 271.521

Protanomaly
80, 1.307, 324.299

Deuteranomaly
80, 6.686, 346.033

Tritanomaly
80, 5.332, 290.665

Monochromacy



Original Color
80, 1.129, 271.521

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 0.542, 290.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 1.129, 271.521 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(197, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 200)  
}
```

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(197, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 1.129, 271.521 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(197, 198, 200) }
```

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

```
.border{ border-color:rgb(197, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 1.129, 271.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 200) }
```

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

```
.background{ background-color: rgb(197,  
198, 200) }
```

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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