

Converting Colors

CIELCh(80, 6.945, 266.733)

Have a look what the booklet for
CIELCh(80, 6.945, 266.733) contains.

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Color

CIELCh(80, 6.939, 266.727)

Conversions

Conversions Part 1

Format	Color
Hex	BFC7D3
RGB	191, 199, 211
RGB Percent	75%, 78%, 83%
CMY	0.2506, 0.2193, 0.1722
CMYK	0.09, 0.06, 0.00, 0.17
HSL	216°, 19%, 79%
HSV	216°, 9%, 83%
XYZ	53.7193, 56.6813, 69.7945
YIQ	197.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

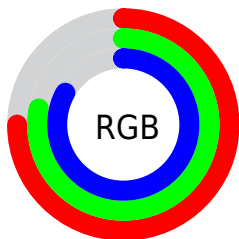
Format	Color
R_{YB}	191, 197, 211
Decimal	12568531
CIE _{Lab}	80.00, -0.40, -6.93
CIE _{LCh}	80, 6.939, 266.727
Yxy	56.6813, 0.2981, 0.3146
Android (android.graphics.Color)	4290758611 (0xFFBFC7D3)
YUV	197.9760, 6.4208, -6.1180
Hunter-Lab	75.2870, -4.3877, -2.2637

Details

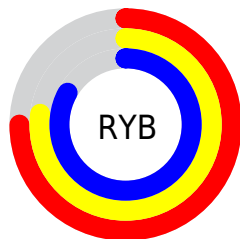
The CIELCh color $80, 6.939, 266.727$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 6.994, 84.167$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.770, 199.469$, and $60, 7.205, 269.846$ is the 20% darker color. If you saturate the color by 10%, you get $75, 14.300, 268.247$, and if you desaturate by 10%, it is $85, 0.374, 84.531$.

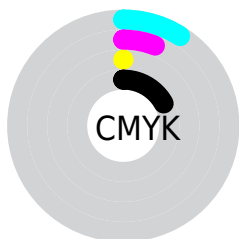
Distribution



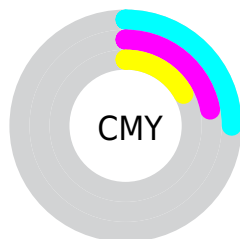
- Red (75%)
- Green (78%)
- Blue (83%)



- Red (75%)
- Yellow (77%)
- Blue (83%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.939, 266.727 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, 6.939, 266.727 by changing the saturation by 10% instead.

■ 80, 6.939, 266.727

■ 80, 6.939, 266.727

■ 100, 6.939,
266.727

■ 70, 6.939, 266.727

■ 60, 6.939, 266.727

■ 50, 6.939, 266.727

■ 40, 6.939, 266.727

■ 30, 6.939, 266.727

■ 20, 6.939, 266.727

■ 10, 6.939, 266.727

■ 0, 6.939, 266.727

■ 80, 6.939, 266.727

■ 80, 6.939, 266.727

75, 14.300,
268.247

85, 0.374, 84.531

70, 21.704,
270.065

90, 7.625, 84.154

66, 29.149,
272.207

95, 14.806, 83.181

61, 36.643,
274.719

98, 19.698,
102.960

56, 44.209,
277.639

99, 22.182,
108.497

52, 51.893,
280.975

48, 59.747,
284.683

44, 67.808,
288.641

40, 76.046,

292.586

Harmonies

Complementary

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



80, 6.939, 266.727



82, 6.994, 84.167

Rectangle

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



80, 6.939, 266.727



80, 6.939, 316.727



80, 6.939, 86.727



80, 6.939, 136.727

Sweetspot

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



80, 6.938, 266.714



98, 2.561, 265.925



83, 8.493, 167.615



52, 1.941, 266.003



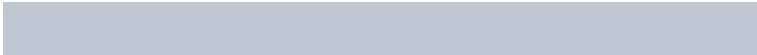
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 6.938, 266.714



94, 9.393, 266.946



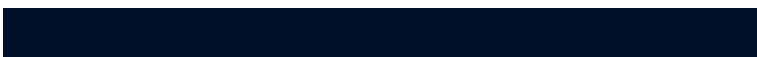
78, 10.750, 294.297



42, 4.123, 266.704



32, 63.532, 292.117



5, 18.355, 279.584

Inverse Universe

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



79, 8.560, 350.213



93, 11.614, 350.380



84, 10.516, 112.665



41, 5.086, 350.206



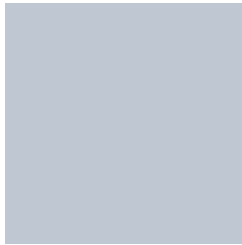
36, 62.083, 11.257



5, 20.996, 0.109

Previews

White Background



This preview shows how the CIELCh color 80, 6.939, 266.727 looks on a white background.

Color Contrast Check

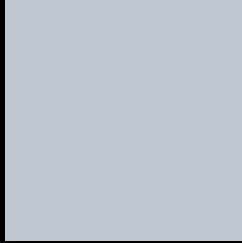
Large Text (above 18pt) WCAG AA × Fail

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, 6.939, 266.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

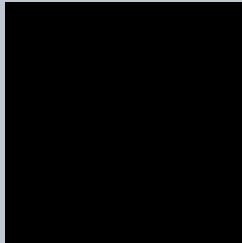
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

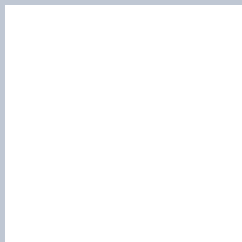
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.939, 266.727

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.939, 266.727.

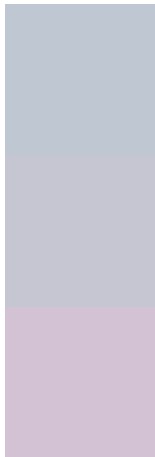


This preview shows how white text looks on a background with the CIELCh color 80, 6.939, 266.727.

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

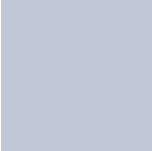
80, 6.939, 266.727

Protanopia

80, 6.949, 293.748

Deuteranopia

80, 12.087, 323.466



Tritanopia
80, 8.312, 273.686

Trichromacy



Original Color
80, 6.939, 266.727

Protanomaly
80, 6.467, 281.265

Deuteranomaly
80, 9.668, 310.423

Tritanomaly
80, 7.808, 272.448

Monochromacy



Original Color
80, 6.939, 266.727

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.866, 268.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.939, 266.727 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(191, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 211)  
}
```

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(191, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.939, 266.727 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(191, 199, 211) }
```

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

```
.border{ border-color:rgb(191, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(191, 199,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.939, 266.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 211) }
```

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

```
.background{ background-color: rgb(191,  
199, 211) }
```

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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