

Converting Colors

CIELCh(79, 8.431, 270.725)

Have a look what the booklet for
CIELCh(79, 8.431, 270.725) contains.

CIELCh(79, 8.438, 271.428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 8.438, 271.428)

Conversions

Conversions Part 1

Format	Color
Hex	BCC4D3
RGB	188, 196, 211
RGB Percent	74%, 77%, 83%
CMY	0.2624, 0.2310, 0.1722
CMYK	0.11, 0.07, 0.00, 0.17
HSL	219°, 21%, 78%
HSV	219°, 11%, 83%
XYZ	52.2883, 54.9284, 69.5320
YIQ	195.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

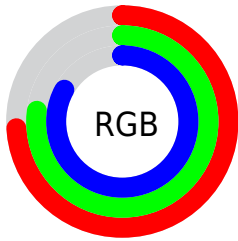
Format	Color
RYB	188, 194, 211
Decimal	12371155
CIELab	79.00, 0.21, -8.44
CIELCh	79, 8.438, 271.428
Yxy	54.9284, 0.2958, 0.3108
Android (android.graphics.Color)	4290561235 (0xFFBCC4D3)
YUV	195.3180, 7.7312, -6.4179
Hunter-Lab	74.1137, -3.7647, -3.7452

Details

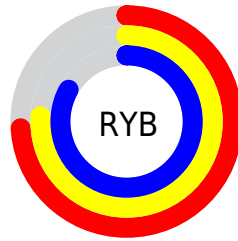
The CIELCh color $79, 8.438, 271.428$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 8.460, 88.548$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.257, 217.663$, and $59, 8.292, 272.918$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.285, 272.964$, and if you desaturate by 10%, it is $84, 0.698, 270.424$.

Distribution



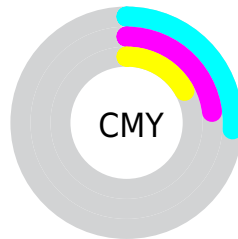
- Red (74%)
- Green (77%)
- Blue (83%)



- Red (74%)
- Yellow (76%)
- Blue (83%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.438, 271.428 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 79, 8.438, 271.428 by changing the saturation by 10% instead.

■ 79, 8.438, 271.428

■ 79, 8.438, 271.428

■ 100, 8.438,
271.428

■ 69, 8.438, 271.428

■ 99, 8.438, 271.428

■ 59, 8.438, 271.428

■ 49, 8.438, 271.428

■ 39, 8.438, 271.428

■ 29, 8.438, 271.428

■ 19, 8.438, 271.428

■ 9, 8.438, 271.428

■ 0, 8.438, 271.428

■ 79, 8.438, 271.428

■ 79, 8.438, 271.428

74, 16.285,
272.964

84, 0.698, 270.424

69, 24.244,
274.786

89, 6.930, 88.857

64, 32.322,
276.921

94, 14.444, 87.876

59, 40.539,
279.413

98, 20.344,
104.579

54, 48.926,
282.288

99, 22.182,
108.497

49, 57.524,
285.540

45, 66.359,
289.102

40, 75.387,
292.826

37, 83.632,

Harmonies

Complementary

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



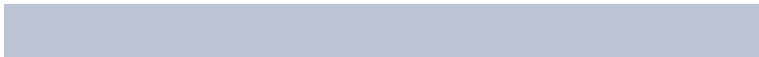
79, 8.438, 271.428



82, 8.460, 88.548

Rectangle

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



79, 8.438, 271.428



79, 8.438, 321.428



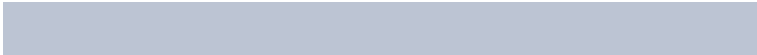
79, 8.438, 91.428



79, 8.438, 141.428

Sweetspot

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



79, 8.437, 271.418



98, 2.700, 270.429



83, 9.339, 171.641



52, 2.046, 270.510



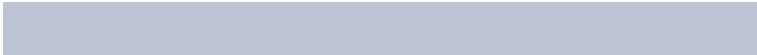
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 8.437, 271.418



92, 11.750, 271.742



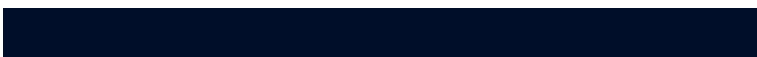
77, 12.444, 296.921



41, 4.355, 271.210



29, 69.479, 295.500



4, 19.418, 282.432

Inverse Universe

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



78, 9.575, 353.704



91, 13.369, 353.943



84, 12.146, 115.253



41, 4.934, 353.547



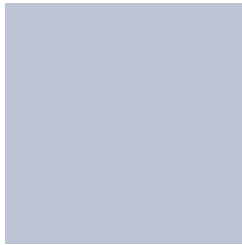
35, 62.882, 16.246



5, 20.702, 3.052

Previews

White Background



This preview shows how the CIELCh color 79, 8.438, 271.428 looks on a white background.

Color Contrast Check

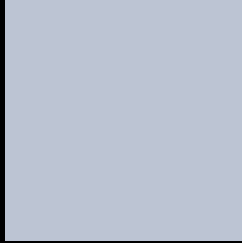
Large Text (above 18pt) WCAG AA × Fail

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 79, 8.438, 271.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

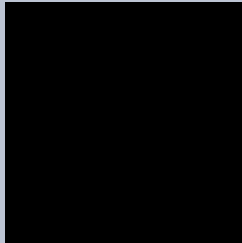
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

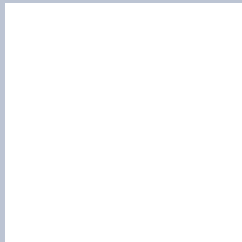
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 8.438, 271.428

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.438, 271.428.



This preview shows how white text looks on a background with the CIELCh color 79, 8.438, 271.428.

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





Tritanopia
79, 8.940, 272.652

Trichromacy



Original Color
79, 8.438, 271.428

Protanomaly
79, 8.068, 283.342

Deuteranomaly
79, 11.117, 305.970

Tritanomaly
79, 8.940, 272.652

Monochromacy



Original Color
79, 8.438, 271.428

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.373, 271.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.438, 271.428 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(188, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 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(188, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.438, 271.428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

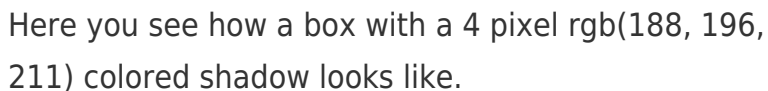
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 211) }
```

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

```
.border{ border-color:rgb(188, 196, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 196, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 196, 211); box-shadow:4px 4px 4px 4px rgb(188, 196, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.438, 271.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 211) }
```

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

```
.background{ background-color: rgb(188,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor