

Converting Colors

CIELCh(80, 7.621, 215.250)

Have a look what the booklet for
CIELCh(80, 7.621, 215.250) contains.

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Color

CIELCh(80, 7.659, 215.153)

Conversions

Conversions Part 1

Format	Color
Hex	B5CACE
RGB	181, 202, 206
RGB Percent	71%, 79%, 81%
CMY	0.2892, 0.2068, 0.1912
CMYK	0.12, 0.02, 0.00, 0.19
HSL	190°, 20%, 76%
HSV	190°, 12%, 81%
XYZ	51.4648, 56.6813, 66.7817
YIQ	196.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

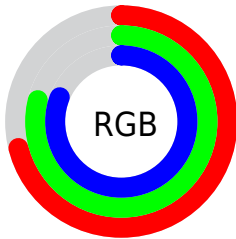
Format	Color
R_{YB}	181, 192, 206
Decimal	11913934
CIE Lab	80.00, -6.26, -4.41
CIE LCh	80, 7.659, 215.153
Yxy	56.6813, 0.2942, 0.3240
Android (android.graphics.Color)	4290104014 (0xFFB5CACE)
YUV	196.1770, 4.8427, -13.3102
Hunter-Lab	75.2870, -9.7329, 0.1090

Details

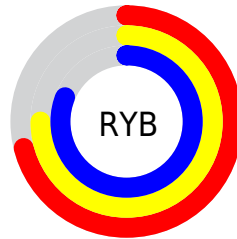
The CIELCh color `80, 7.659, 215.153` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 8.284, 34.882`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.178, 199.121`, and `60, 7.673, 215.995` is the 20% darker color. If you saturate the color by 10%, you get `78, 13.560, 215.360`, and if you desaturate by 10%, it is `82, 1.377, 215.352`.

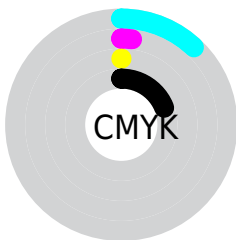
Distribution



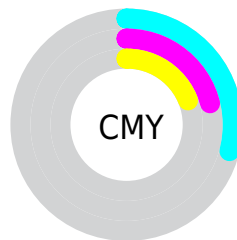
- Red (71%)
- Green (79%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.659, 215.153 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, 7.659, 215.153 by changing the saturation by 10% instead.

■ 80, 7.659, 215.153

■ 80, 7.659, 215.153

■ 100, 7.659,
215.153

■ 70, 7.659, 215.153

■ 60, 7.659, 215.153

■ 50, 7.659, 215.153

■ 40, 7.659, 215.153

■ 30, 7.659, 215.153

■ 20, 7.659, 215.153

■ 10, 7.659, 215.153

■ 0, 7.659, 215.153

■ 80, 7.659, 215.153

■ 80, 7.659, 215.153

78, 13.560,
215.360

82, 1.377, 215.352

76, 18.982,
215.768

85, 5.202, 34.812

74, 23.822,
216.390

87, 12.001, 34.928

72, 27.981,
217.275

89, 15.692, 37.958

70, 31.375,
218.484

90, 15.167, 45.328

69, 33.948,
220.082

91, 14.912, 53.079

67, 35.699,
222.140

92, 14.942, 60.936

66, 36.690,
224.718

92, 15.252, 68.601

65, 37.105,

93, 15.826, 75.817

Harmonies

Complementary

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



80, 7.659, 215.153



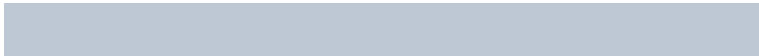
77, 8.284, 34.882

Rectangle

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



80, 7.659, 215.153



80, 7.659, 265.153



80, 7.659, 35.153



80, 7.659, 85.153

Sweetspot

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



80, 7.659, 215.139



99, 3.065, 215.173



81, 14.645, 148.085



53, 2.174, 215.147



0, 0.000, 0.000



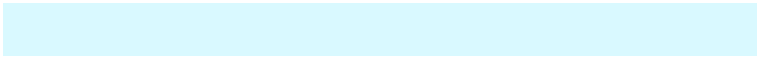
53, 0.007, 296.813

Same Dimension

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



80, 7.659, 215.139



96, 11.160, 215.187



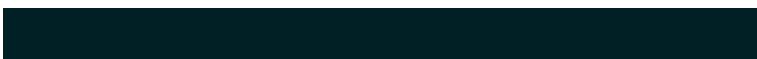
77, 9.198, 271.422



42, 3.578, 215.115



53, 31.541, 226.524



10, 11.845, 219.517

Inverse Universe

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



76, 14.580, 329.876



91, 21.461, 330.068



80, 9.233, 88.225



40, 6.750, 329.703



38, 73.958, 335.740



5, 25.490, 333.517

Previews

White Background



This preview shows how the CIELCh color 80, 7.659, 215.153 looks on a white background.

Color Contrast Check

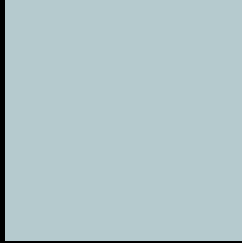
Large Text (above 18pt) WCAG AA × Fail

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, 7.659, 215.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

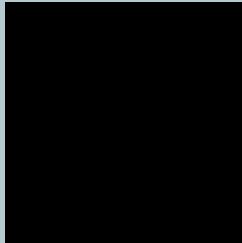
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

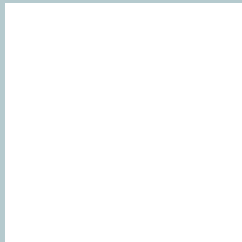
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.659, 215.153

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.659, 215.153.



This preview shows how white text looks on a background with the CIELCh color 80, 7.659, 215.153.

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, 7.659, 215.153

Protanopia

80, 3.399, 309.161

Deuteranopia

80, 11.499, 332.501



Tritanopia
80, 10.412, 254.302

Trichromacy



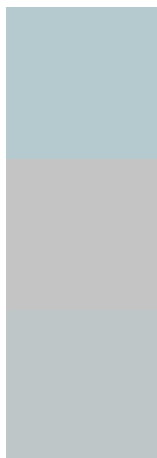
Original Color
80, 7.659, 215.153

Protanomaly
80, 3.401, 251.099

Deuteranomaly
80, 6.166, 307.692

Tritanomaly
80, 9.076, 244.028

Monochromacy



Original Color
80, 7.659, 215.153

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.731, 222.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 7.659, 215.153 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(181, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 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(181, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.659, 215.153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

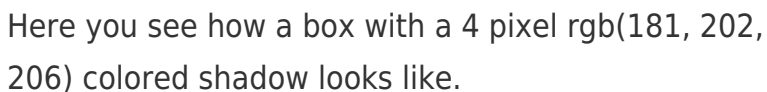
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 202, 206) }
```

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

```
.border{ border-color:rgb(181, 202, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 202, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 202, 206); box-shadow:4px 4px 4px 4px rgb(181, 202, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.659, 215.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 206) }
```

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

```
.background{ background-color: rgb(181,  
202, 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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