

Converting Colors

CIELCh(80, 5.277, 219.239)

Have a look what the booklet for
CIELCh(80, 5.277, 219.239) contains.

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Color

CIELCh(80, 5.215, 217.028)

Conversions

Conversions Part 1

Format	Color
Hex	BBC9CC
RGB	187, 201, 204
RGB Percent	73%, 79%, 80%
CMY	0.2668, 0.2118, 0.2001
CMYK	0.08, 0.01, 0.00, 0.20
HSL	191°, 14%, 77%
HSV	191°, 8%, 80%
XYZ	52.2640, 56.6813, 65.2964
YIQ	197.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

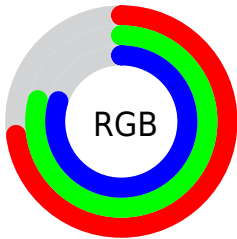
Format	Color
R_{YB}	187, 195, 204
Decimal	12306892
CIE Lab	80.00, -4.16, -3.14
CIE LCh	80, 5.215, 217.028
Yxy	56.6813, 0.3000, 0.3253
Android (android.graphics.Color)	4290496972 (0xFFBBC9CC)
YUV	197.1560, 3.3741, -8.9068
Hunter-Lab	75.2870, -7.8380, 1.2787

Details

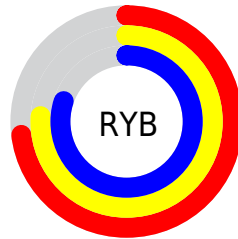
The CIELCh color `80, 5.215, 217.028` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 5.495, 36.596`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `60, 5.135, 218.363` is the 20% darker color. If you saturate the color by 10%, you get `78, 11.159, 217.236`, and if you desaturate by 10%, it is `82, 1.065, 36.220`.

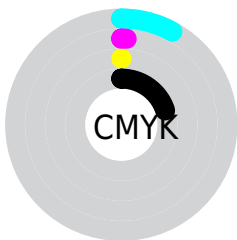
Distribution



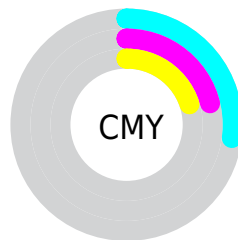
- Red (73%)
- Green (79%)
- Blue (80%)



- Red (73%)
- Yellow (76%)
- Blue (80%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.215, 217.028 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, 5.215, 217.028 by changing the saturation by 10% instead.

■ 80, 5.215, 217.028

■ 80, 5.215, 217.028

■ 100, 5.215,
217.028

■ 70, 5.215, 217.028

■ 60, 5.215, 217.028

■ 50, 5.215, 217.028

■ 40, 5.215, 217.028

■ 30, 5.215, 217.028

■ 20, 5.215, 217.028

■ 10, 5.215, 217.028

■ 0, 5.215, 217.028

■ 80, 5.215, 217.028

■ 80, 5.215, 217.028

78, 11.159,
217.236

82, 1.065, 36.220

75, 16.676,
217.669

85, 7.603, 36.611

73, 21.669,
218.319

88, 14.331, 36.662

71, 26.040,
219.233

90, 15.747, 49.536

70, 29.701,
220.474

91, 15.641, 57.681

68, 32.586,
222.113

92, 15.856, 65.755

66, 34.676,
224.225

93, 16.378, 73.443

65, 36.009,
226.882

93, 17.178, 80.515

64, 36.739,

Harmonies

Complementary

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



80, 5.215, 217.028



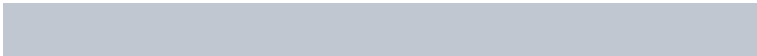
78, 5.495, 36.596

Rectangle

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



80, 5.215, 217.028



80, 5.215, 267.028



80, 5.215, 37.028



80, 5.215, 87.028

Sweetspot

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



80, 5.215, 217.007



99, 2.280, 217.091



80, 9.834, 148.898



53, 1.725, 217.044



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, 5.215, 217.007



97, 7.467, 217.029



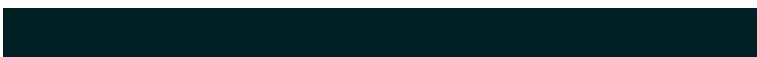
78, 6.365, 272.238



42, 3.541, 217.019



52, 31.566, 230.072



10, 11.785, 222.252

Inverse Universe

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



78, 9.794, 330.188



94, 14.104, 330.304



80, 6.362, 90.059



40, 6.672, 330.257



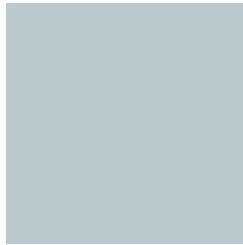
38, 73.047, 336.665



5, 25.146, 334.259

Previews

White Background



This preview shows how the CIELCh color 80, 5.215, 217.028 looks on a white background.

Color Contrast Check

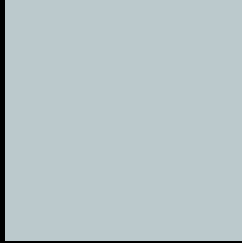
Large Text (above 18pt) WCAG AA × Fail

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, 5.215, 217.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

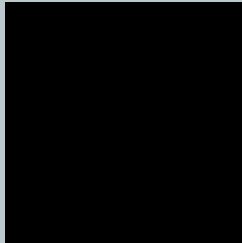
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

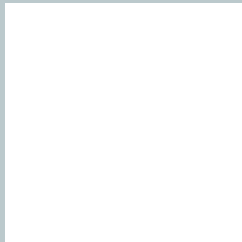
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 5.215, 217.028

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.215, 217.028.



This preview shows how white text looks on a background with the CIELCh color 80, 5.215, 217.028.

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
80, 9.141, 268.480

Trichromacy



Original Color
80, 5.215, 217.028

Protanomaly
80, 2.756, 275.239

Deuteranomaly
80, 6.293, 321.912

Tritanomaly
80, 7.148, 254.488

Monochromacy



Original Color
80, 5.215, 217.028

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.090, 230.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 5.215, 217.028 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(187, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 204)  
}
```

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(187, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.215, 217.028 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(187, 201, 204) }
```

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

```
.border{ border-color:rgb(187, 201, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.215, 217.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 204) }
```

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

```
.background{ background-color: rgb(187,  
201, 204) }
```

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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