

Converting Colors

CIELCh(80, 7.268, 235.143)

Have a look what the booklet for
CIELCh(80, 7.268, 235.143) contains.

CIELCh(80, 7.262, 235.138)	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(80, 7.262, 235.138)

Conversions

Conversions Part 1

Format	Color
Hex	B8C9D1
RGB	184, 201, 209
RGB Percent	72%, 79%, 82%
CMY	0.2777, 0.2110, 0.1797
CMYK	0.12, 0.04, 0.00, 0.18
HSL	199°, 21%, 77%
HSV	199°, 12%, 82%
XYZ	52.2688, 56.6813, 68.6246
YIQ	196.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

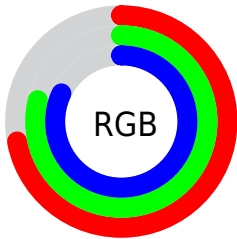
Format	Color
RYB	184, 194, 209
Decimal	12110289
CIELab	80.00, -4.15, -5.96
CIElCh	80, 7.262, 235.138
Yxy	56.6813, 0.2943, 0.3192
Android (android.graphics.Color)	4290300369 (0xFFB8C9D1)
YUV	196.8290, 6.0003, -11.2510
Hunter-Lab	75.2870, -7.8267, -1.3423

Details

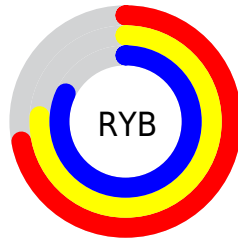
The CIELCh color $80, 7.262, 235.138$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.730, 53.093$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.163, 199.206$, and $60, 7.332, 237.188$ is the 20% darker color. If you saturate the color by 10%, you get $77, 13.044, 236.197$, and if you desaturate by 10%, it is $83, 1.212, 234.595$.

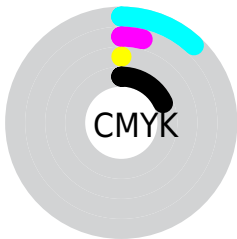
Distribution



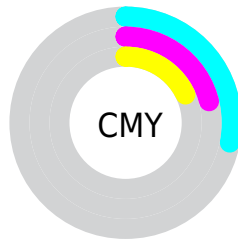
- Red (72%)
- Green (79%)
- Blue (82%)



- Red (72%)
- Yellow (76%)
- Blue (82%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.262, 235.138 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, 7.262, 235.138 by changing the saturation by 10% instead.

■ 80, 7.262, 235.138

■ 80, 7.262, 235.138

■ 100, 7.262,
235.138

■ 70, 7.262, 235.138

■ 60, 7.262, 235.138

■ 50, 7.262, 235.138

■ 40, 7.262, 235.138

■ 30, 7.262, 235.138

■ 20, 7.262, 235.138

■ 10, 7.262, 235.138

■ 0, 7.262, 235.138

■ 80, 7.262, 235.138

■ 80, 7.262, 235.138

77, 13.044,
236.197

83, 1.212, 234.595

74, 18.492,
237.574

87, 5.045, 53.370

71, 23.537,
239.313

90, 11.458, 52.866

68, 28.119,
241.493

94, 15.140, 78.859

65, 32.194,
244.203

96, 17.191, 91.568

63, 35.759,
247.527

97, 19.892,
101.121

60, 38.864,
251.522

99, 23.000,
108.169

58, 41.630,
256.175

99, 23.139,
108.424

56, 43.783,

Harmonies

Complementary

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



80, 7.262, 235.138



79, 7.730, 53.093

Rectangle

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



80, 7.262, 235.138



80, 7.262, 285.138



80, 7.262, 55.138



80, 7.262, 105.138

Sweetspot

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



80, 7.262, 235.123



98, 2.899, 234.546



82, 12.927, 154.129



52, 2.057, 234.577



0, 0.000, 0.000



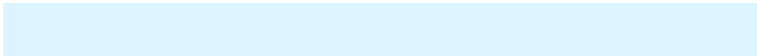
53, 0.007, 296.813

Same Dimension

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



80, 7.262, 235.123



95, 9.942, 235.335



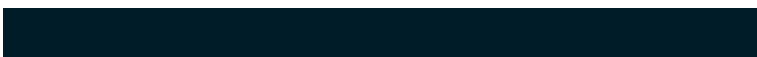
77, 11.063, 282.836



42, 3.464, 234.898



46, 36.931, 259.345



9, 12.898, 247.594

Inverse Universe

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



77, 12.979, 335.911



91, 17.880, 336.077



82, 10.897, 100.035



41, 6.147, 335.720



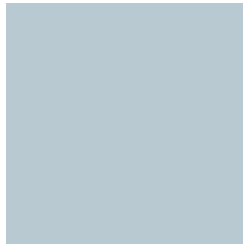
37, 66.881, 346.210



5, 24.344, 342.109

Previews

White Background



This preview shows how the CIELCh color 80, 7.262, 235.138 looks on a white background.

Color Contrast Check

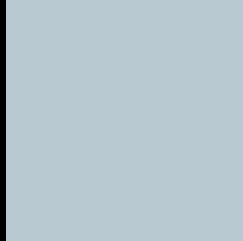
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 7.262, 235.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

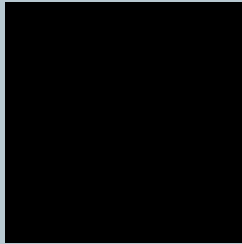
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

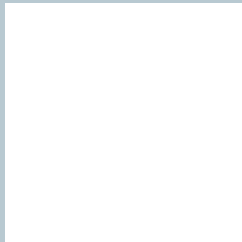
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.262, 235.138

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.262, 235.138.



This preview shows how white text looks on a background with the CIELCh color 80, 7.262, 235.138.

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, 9.875, 259.153

Trichromacy



Original Color
80, 7.262, 235.138

Protanomaly
80, 5.087, 270.094

Deuteranomaly
80, 8.323, 305.847

Tritanomaly
80, 9.003, 255.371

Monochromacy



Original Color
80, 7.262, 235.138

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.729, 222.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 7.262, 235.138 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(184, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 209)  
}
```

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(184, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.262, 235.138 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(184, 201, 209) }
```

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

```
.border{ border-color:rgb(184, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.262, 235.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 209) }
```

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

```
.background{ background-color: rgb(184,  
201, 209) }
```

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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