

Converting Colors

CIELCh(80, 1.994, 243.954)

Have a look what the booklet for
CIELCh(80, 1.994, 243.954) contains.

CIELCh(80, 2.143, 247.895)	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, 2.143, 247.895)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7CA
RGB	195, 199, 202
RGB Percent	76%, 78%, 79%
CMY	0.2355, 0.2198, 0.2080
CMYK	0.03, 0.01, 0.00, 0.21
HSL	206°, 6%, 78%
HSV	206°, 3%, 79%
XYZ	53.5595, 56.6813, 63.9640
YIQ	198.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

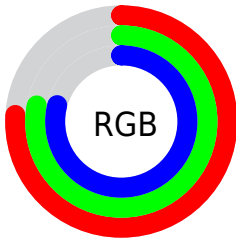
Format	Color
RYB	195, 198, 202
Decimal	12830666
CIELab	80.00, -0.81, -1.99
CIElCh	80, 2.143, 247.895
Yxy	56.6813, 0.3075, 0.3254
Android (android.graphics.Color)	4291020746 (0xFFC3C7CA)
YUV	198.1460, 1.9000, -2.7590
Hunter-Lab	75.2870, -4.7665, 2.3279

Details

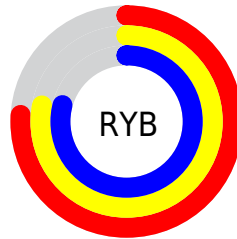
The CIELCh color **80, 2.143, 247.895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 2.157, 66.685**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **60, 2.266, 247.981** is the 20% darker color. If you saturate the color by 10%, you get **76, 8.221, 248.956**, and if you desaturate by 10%, it is **84, 4.053, 66.480**.

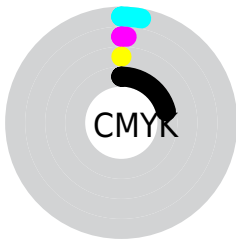
Distribution



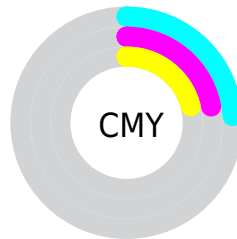
- Red (76%)
- Green (78%)
- Blue (79%)



- Red (76%)
- Yellow (78%)
- Blue (79%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 2.143, 247.895 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, 2.143, 247.895 by changing the saturation by 10% instead.

■ 80, 2.143, 247.895

■ 80, 2.143, 247.895

■ 100, 2.143,
247.895

■ 70, 2.143, 247.895

■ 60, 2.143, 247.895

■ 50, 2.143, 247.895

■ 40, 2.143, 247.895

■ 30, 2.143, 247.895

■ 20, 2.143, 247.895

■ 10, 2.143, 247.895

■ 0, 2.143, 247.895

■ 80, 2.143, 247.895

■ 80, 2.143, 247.895

76, 8.221, 248.956

84, 4.053, 66.480

73, 14.145,
250.457

88, 10.329, 65.656

69, 19.874,
252.287

91, 16.512, 65.425

65, 25.370,
254.506

93, 18.163, 82.272

62, 30.609,
257.185

98, 24.788,
104.639

59, 35.587,
260.389

99, 26.759,
108.146

55, 40.338,
264.156

52, 44.945,
268.474

50, 49.530,
273.235

Harmonies

Complementary

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



80, 2.143, 247.895



80, 2.157, 66.685

Rectangle

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



80, 2.143, 247.895



80, 2.143, 297.895



80, 2.143, 67.895



80, 2.143, 117.895

Sweetspot

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



80, 2.142, 247.840



100, 0.754, 248.039



81, 3.367, 159.271



53, 0.429, 248.068



0, 0.000, 0.000



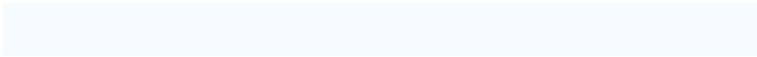
53, 0.007, 296.813

Same Dimension

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



80, 2.142, 247.840



98, 2.985, 247.879



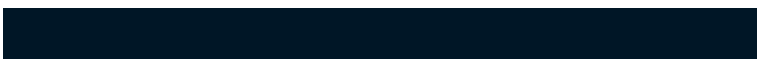
79, 3.436, 286.986



42, 1.764, 247.932



39, 44.873, 275.618



6, 13.832, 263.710

Inverse Universe

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



79, 3.363, 340.120



97, 4.691, 340.182



81, 3.397, 106.218



42, 2.777, 340.245



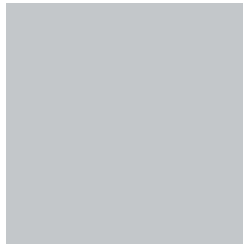
36, 62.663, 355.054



4, 20.739, 348.958

Previews

White Background



This preview shows how the CIELCh color 80, 2.143, 247.895 looks on a white background.

Color Contrast Check

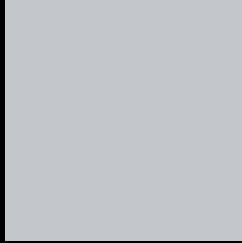
Large Text (above 18pt) WCAG AA × Fail

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, 2.143, 247.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

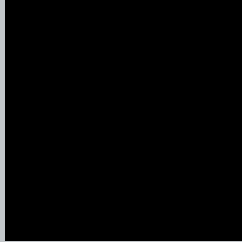
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

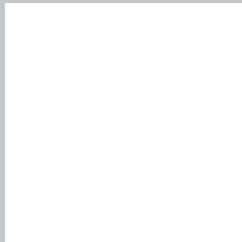
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 2.143, 247.895

Background



This preview shows how black text looks on a background with the CIELCh color 80, 2.143, 247.895.

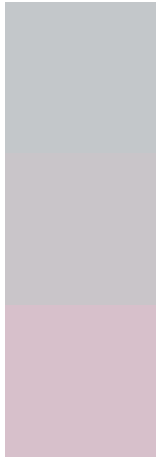


This preview shows how white text looks on a background with the CIELCh color 80, 2.143, 247.895.

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, 2.143, 247.895

Protanopia

80, 2.605, 324.451

Deuteranopia

80, 10.322, 345.715



Tritanopia
80, 8.533, 290.946

Trichromacy



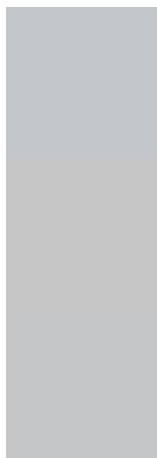
Original Color
80, 2.143, 247.895

Protanomaly
80, 1.652, 303.091

Deuteranomaly
80, 6.420, 338.322

Tritanomaly
80, 5.896, 283.762

Monochromacy



Original Color
80, 2.143, 247.895

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 0.648, 256.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 2.143, 247.895 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(195, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 202)  
}
```

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(195, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 2.143, 247.895 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(195, 199, 202) }
```

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

```
.border{ border-color:rgb(195, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 2.143, 247.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 202) }
```

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

```
.background{ background-color: rgb(195,  
199, 202) }
```

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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