

Converting Colors

CIELCh(79, 4.131, 213.226)

Have a look what the booklet for
CIELCh(79, 4.131, 213.226) contains.

CIELCh(79, 4.081, 214.435)	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, 4.081, 214.435)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6C8
RGB	187, 198, 200
RGB Percent	73%, 78%, 78%
CMY	0.2679, 0.2247, 0.2169
CMYK	0.07, 0.01, 0.00, 0.22
HSL	189°, 11%, 76%
HSV	189°, 7%, 78%
XYZ	50.9309, 54.9284, 62.3714
YIQ	194.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

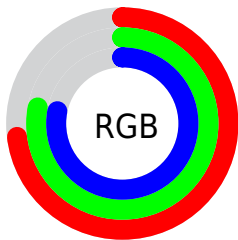
Format	Color
R _Y B	187, 193, 200
Decimal	12306120
CIE Lab	79.00, -3.37, -2.31
CIE LCh	79, 4.081, 214.435
Yxy	54.9284, 0.3027, 0.3265
Android (android.graphics.Color)	4290496200 (0xFFBBC6C8)
YUV	194.9390, 2.4951, -6.9625
Hunter-Lab	74.1137, -7.0338, 1.9833

Details

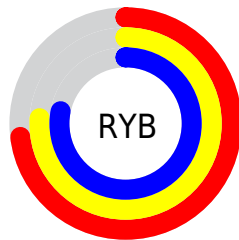
The CIELCh color $79, 4.081, 214.435$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.251, 34.123$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.141, 199.303$, and $59, 3.944, 215.889$ is the 20% darker color. If you saturate the color by 10%, you get $77, 10.075, 214.472$, and if you desaturate by 10%, it is $81, 2.237, 33.991$.

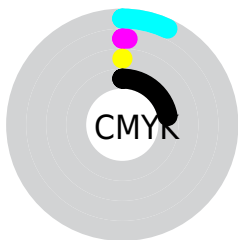
Distribution



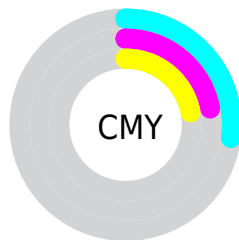
- Red (73%)
- Green (78%)
- Blue (78%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.081, 214.435 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, 4.081, 214.435 by changing the saturation by 10% instead.

■ 79, 4.081, 214.435

■ 79, 4.081, 214.435

■ 100, 4.081,
214.435

■ 69, 4.081, 214.435

■ 99, 4.081, 214.435

■ 59, 4.081, 214.435

■ 49, 4.081, 214.435

■ 39, 4.081, 214.435

■ 29, 4.081, 214.435

■ 19, 4.081, 214.435

■ 9, 4.081, 214.435

■ 0, 4.081, 214.435

■ 79, 4.081, 214.435

■ 79, 4.081, 214.435

77, 10.075,
214.472

81, 2.237, 33.991

75, 15.653,
214.735

84, 8.802, 34.224

73, 20.719,
215.187

86, 15.548, 34.363

71, 25.171,
215.864

88, 18.031, 37.679

69, 28.916,
216.817

88, 17.500, 43.589

68, 31.883,
218.107

89, 17.170, 49.794

66, 34.037,
219.799

90, 17.051, 56.157

65, 35.398,
221.958

91, 17.148, 62.519

64, 36.067,

91, 17.457, 68.722

224.625

Harmonies

Complementary

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



79, 4.081, 214.435



77, 4.251, 34.123

Rectangle

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



79, 4.081, 214.435



79, 4.081, 264.435



79, 4.081, 34.435



79, 4.081, 84.435

Sweetspot

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



79, 4.082, 214.408



99, 1.547, 214.674



79, 7.628, 148.482



53, 0.880, 214.696



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, 4.082, 214.408



98, 6.094, 214.397



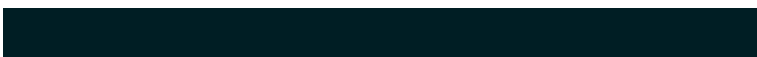
77, 4.794, 270.655



41, 3.519, 214.396



53, 31.203, 225.133



10, 11.378, 218.184

Inverse Universe

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



77, 7.630, 329.308



95, 11.451, 329.412



79, 4.792, 88.913



39, 6.639, 329.492



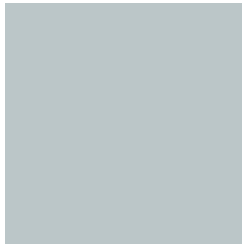
37, 73.478, 335.384



4, 23.393, 332.832

Previews

White Background



This preview shows how the CIE LCh color 79, 4.081, 214.435 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, 4.081, 214.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

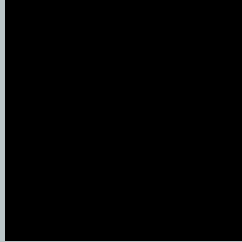
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

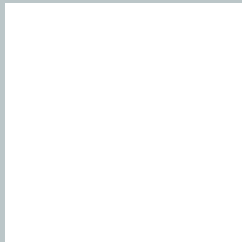
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.081, 214.435

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.081, 214.435.

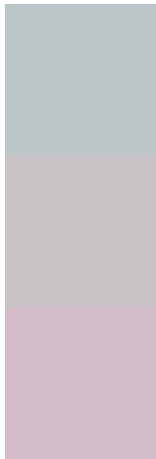


This preview shows how white text looks on a background with the CIELCh color 79, 4.081, 214.435.

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](#).

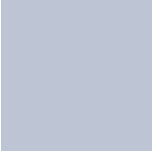
Dichromacy



Original Color
79, 4.081, 214.435

Protanopia
79, 2.612, 324.454

Deuteranopia
79, 10.654, 343.353



Tritanopia
79, 8.335, 273.705

Trichromacy



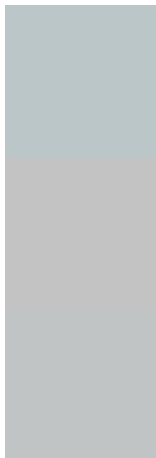
Original Color
79, 4.081, 214.435

Protanomaly
79, 2.169, 280.758

Deuteranomaly
79, 6.307, 330.181

Tritanomaly
79, 6.167, 259.480

Monochromacy



Original Color
79, 4.081, 214.435

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.546, 219.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.081, 214.435 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, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 200)  
}
```

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, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.081, 214.435 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, 198, 200) }
```

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

```
.border{ border-color:rgb(187, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.081, 214.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 200) }
```

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

```
.background{ background-color: rgb(187,  
198, 200) }
```

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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