

Converting Colors

CIELCh(79, 6.812, 225.939)

Have a look what the booklet for
CIELCh(79, 6.812, 225.939) contains.

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Color

CIELCh(79, 6.855, 222.021)

Conversions

Conversions Part 1

Format	Color
Hex	B5C7CC
RGB	181, 199, 204
RGB Percent	71%, 78%, 80%
CMY	0.2908, 0.2202, 0.2006
CMYK	0.11, 0.02, 0.00, 0.20
HSL	193°, 18%, 75%
HSV	193°, 11%, 80%
XYZ	50.2840, 54.9284, 64.9765
YIQ	194.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

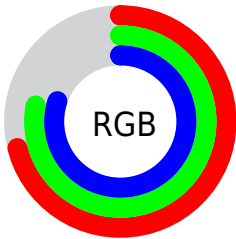
Format	Color
R _Y B	181, 191, 204
Decimal	11913164
CIE Lab	79.00, -5.09, -4.59
CIE LCh	79, 6.855, 222.021
Yxy	54.9284, 0.2955, 0.3227
Android (android.graphics.Color)	4290103244 (0xFFB5C7CC)
YUV	194.1880, 4.8373, -11.5659
Hunter-Lab	74.1137, -8.5917, -0.1007

Details

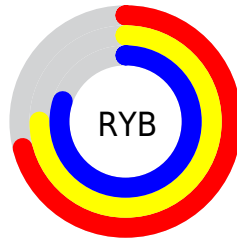
The CIELCh color `79, 6.855, 222.021` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 7.350, 41.129`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `99, 6.178, 199.121`, and `59, 6.858, 223.397` is the 20% darker color. If you saturate the color by 10%, you get `76, 12.573, 222.525`, and if you desaturate by 10%, it is `82, 0.800, 222.217`.

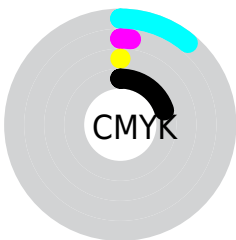
Distribution



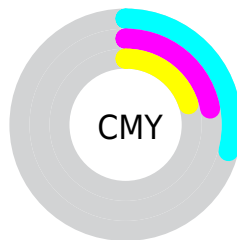
- Red (71%)
- Green (78%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.855, 222.021 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, 6.855, 222.021 by changing the saturation by 10% instead.

■ 79, 6.855, 222.021

■ 79, 6.855, 222.021

■ 100, 6.855,
222.021

■ 69, 6.855, 222.021

■ 99, 6.855, 222.021

■ 59, 6.855, 222.021

■ 49, 6.855, 222.021

■ 39, 6.855, 222.021

■ 29, 6.855, 222.021

■ 19, 6.855, 222.021

■ 9, 6.855, 222.021

■ 0, 6.855, 222.021

■ 79, 6.855, 222.021

■ 79, 6.855, 222.021

76, 12.573,
222.525

82, 0.800, 222.217

74, 17.869,
223.278

84, 5.518, 41.172

72, 22.650,
224.305

87, 12.032, 41.062

70, 26.830,
225.668

90, 15.690, 54.319

68, 30.333,
227.447

92, 15.838, 64.294

66, 33.116,
229.728

93, 16.455, 73.773

64, 35.187,
232.597

94, 17.488, 82.317

62, 36.621,
236.117

95, 18.865, 89.727

61, 37.543,

239.623

Harmonies

Complementary

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



79, 6.855, 222.021



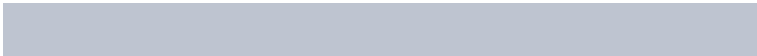
77, 7.350, 41.129

Rectangle

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



79, 6.855, 222.021



79, 6.855, 272.021



79, 6.855, 42.021



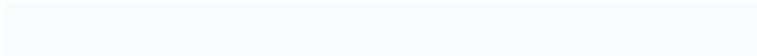
79, 6.855, 92.021

Sweetspot

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



79, 6.855, 222.005



99, 2.231, 221.883



80, 12.858, 150.391



53, 1.688, 221.850



0, 0.000, 0.000



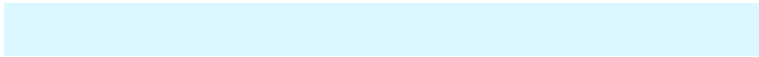
53, 0.007, 296.813

Same Dimension

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



79, 6.855, 222.005



96, 10.125, 222.132



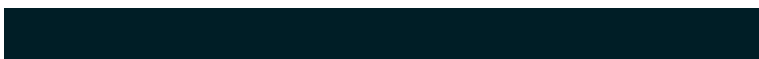
76, 9.125, 276.388



42, 3.465, 221.936



50, 32.120, 238.935



10, 11.738, 229.271

Inverse Universe

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



76, 12.898, 331.826



91, 19.227, 332.020



80, 9.081, 93.536



40, 6.481, 331.700



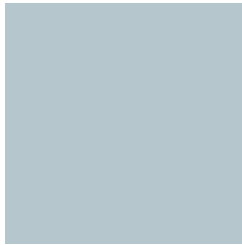
37, 70.868, 339.116



5, 24.309, 336.230

Previews

White Background



This preview shows how the CIELCh color 79, 6.855, 222.021 looks on a white background.

Color Contrast Check

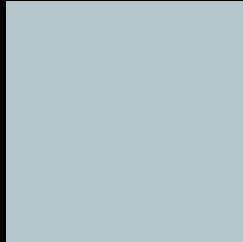
Large Text (above 18pt) WCAG AA × Fail

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, 6.855, 222.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

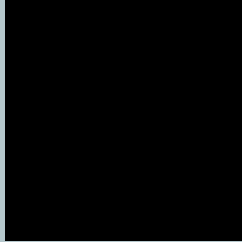
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

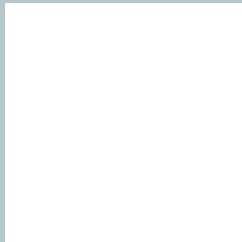
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.855, 222.021

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.855, 222.021.



This preview shows how white text looks on a background with the CIELCh color 79, 6.855, 222.021.

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, 6.855, 222.021

Protanopia

79, 3.918, 306.674

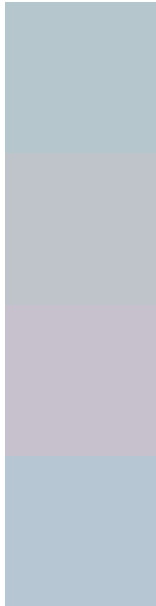
Deuteranopia

79, 11.279, 331.091



Tritanopia
79, 9.900, 259.182

Trichromacy



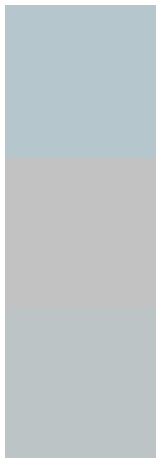
Original Color
79, 6.855, 222.021

Protanomaly
79, 3.652, 260.965

Deuteranomaly
79, 6.805, 309.308

Tritanomaly
79, 8.406, 249.000

Monochromacy



Original Color
79, 6.855, 222.021

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.736, 222.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.855, 222.021 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, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 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(181, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.855, 222.021 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, 199, 204) }
```

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

```
.border{ border-color:rgb(181, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.855, 222.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 204) }
```

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

```
.background{ background-color: rgb(181,  
199, 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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