

Converting Colors

CIELCh(79, 7.626, 253.423)

Have a look what the booklet for
CIELCh(79, 7.626, 253.423) contains.

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Color

CIELCh(79, 7.788, 254.831)

Conversions

Conversions Part 1

Format	Color
Hex	B8C5D1
RGB	184, 197, 209
RGB Percent	72%, 77%, 82%
CMY	0.2772, 0.2262, 0.1791
CMYK	0.12, 0.06, 0.00, 0.18
HSL	209°, 21%, 77%
HSV	209°, 12%, 82%
XYZ	51.4322, 54.9284, 68.4252
YIQ	194.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

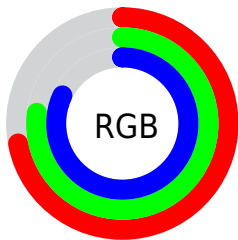
Format	Color
RYB	184, 193, 209
Decimal	12109265
CIELab	79.00, -2.04, -7.52
CIELCh	79, 7.788, 254.831
Yxy	54.9284, 0.2943, 0.3143
Android (android.graphics.Color)	4290299345 (0xFFB8C5D1)
YUV	194.4810, 7.1579, -9.1918
Hunter-Lab	74.1137, -5.8265, -2.8597

Details

The CIELCh color `79, 7.788, 254.831` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 8.049, 71.741`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.836, 205.293`, and `59, 8.015, 257.524` is the 20% darker color. If you saturate the color by 10%, you get `75, 14.199, 256.372`, and if you desaturate by 10%, it is `83, 1.282, 253.751`.

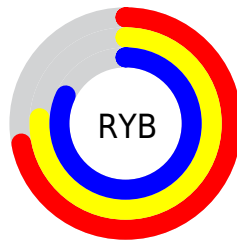
Distribution



Red (72%)

Green (77%)

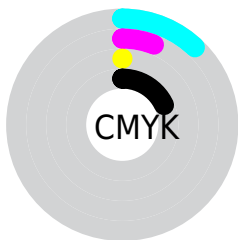
Blue (82%)



Red (72%)

Yellow (76%)

Blue (82%)

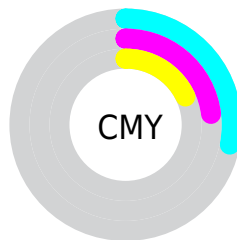


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (28%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.788, 254.831 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, 7.788, 254.831 by changing the saturation by 10% instead.

■ 79, 7.788, 254.831

■ 79, 7.788, 254.831

■ 100, 7.788,
254.831

■ 69, 7.788, 254.831

■ 99, 7.788, 254.831

■ 59, 7.788, 254.831

■ 49, 7.788, 254.831

■ 39, 7.788, 254.831

■ 29, 7.788, 254.831

■ 19, 7.788, 254.831

■ 9, 7.788, 254.831

■ 0, 7.788, 254.831

■ 79, 7.788, 254.831

■ 79, 7.788, 254.831

75, 14.199,
256.372

83, 1.282, 253.751

71, 20.486,
258.245

87, 5.287, 72.245

92, 11.894, 71.331

67, 26.624,
260.491

95, 15.852, 84.616

63, 32.596,
263.170

97, 19.614,
100.520

59, 38.411,
266.339

99, 23.066,
108.429

56, 44.107,
270.023

52, 49.764,
274.195

49, 55.491,
278.744

46, 60.249,

282.444

Harmonies

Complementary

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



79, 7.788, 254.831



80, 8.049, 71.741

Rectangle

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



79, 7.788, 254.831



79, 7.788, 304.831



79, 7.788, 74.831



79, 7.788, 124.831

Sweetspot

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



79, 7.787, 254.818



98, 3.079, 253.851



82, 11.562, 160.950



52, 2.187, 253.924



0, 0.000, 0.000



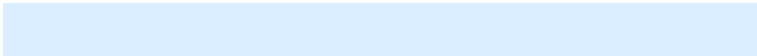
53, 0.007, 296.813

Same Dimension

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



79, 7.787, 254.818



93, 10.694, 255.136



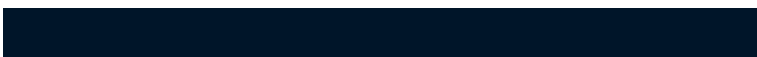
76, 13.034, 290.109



42, 3.702, 254.474



37, 50.467, 281.676



6, 15.771, 270.098

Inverse Universe

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



77, 11.613, 343.539



91, 16.010, 343.741



83, 12.705, 107.635



41, 5.495, 343.310



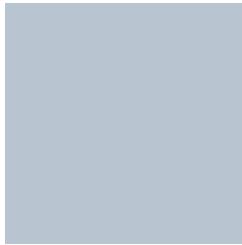
36, 62.367, 359.795



5, 22.023, 352.637

Previews

White Background



This preview shows how the CIELCh color 79, 7.788, 254.831 looks on a white background.

Color Contrast Check

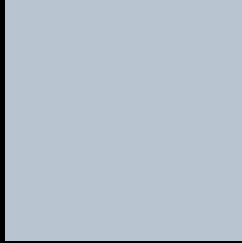
Large Text (above 18pt) WCAG AA × Fail

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 79, 7.788, 254.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

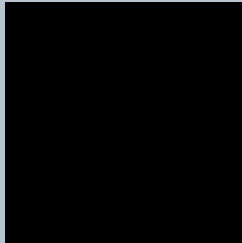
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

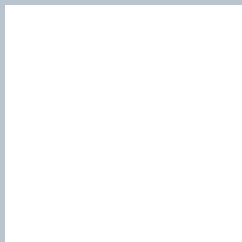
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 7.788, 254.831

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.788, 254.831.

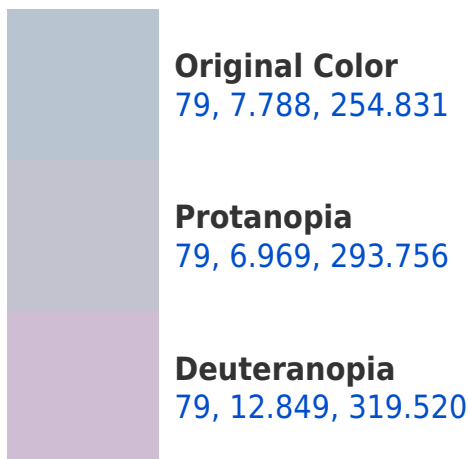


This preview shows how white text looks on a background with the CIELCh color 79, 7.788, 254.831.

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
79, 8.957, 262.969

Trichromacy



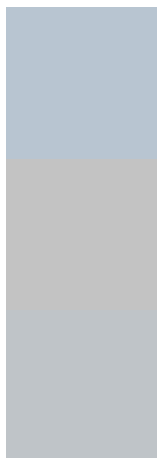
Original Color
79, 7.788, 254.831

Protanomaly
79, 7.069, 279.217

Deuteranomaly
79, 9.374, 304.204

Tritanomaly
79, 8.494, 261.183

Monochromacy



Original Color
79, 7.788, 254.831

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.779, 249.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.788, 254.831 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, 197, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 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, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.788, 254.831 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, 197, 209) }
```

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

```
.border{ border-color:rgb(184, 197, 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, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 197,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.788, 254.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 209) }
```

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

```
.background{ background-color: rgb(184,  
197, 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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