

Converting Colors

CIELCh(79, 7.767, 138.052)

Have a look what the booklet for
CIELCh(79, 7.767, 138.052) contains.

CIELCh(79, 7.884, 137.622)	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, 7.884, 137.622)

Conversions

Conversions Part 1

Format	Color
Hex	BDC7BA
RGB	189, 199, 186
RGB Percent	74%, 78%, 73%
CMY	0.2606, 0.2214, 0.2723
CMYK	0.05, 0.00, 0.07, 0.22
HSL	106°, 10%, 75%
HSV	106°, 7%, 78%
XYZ	50.0117, 54.9284, 54.1734
YIQ	194.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

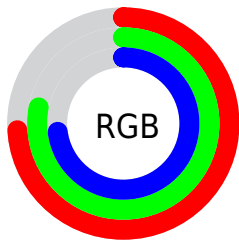
Format	Color
R _{YB}	186, 199, 196
Decimal	12437434
CIE Lab	79.00, -5.82, 5.31
CIE LCh	79, 7.884, 137.622
Yxy	54.9284, 0.3143, 0.3452
Android (android.graphics.Color)	4290627514 (0xFFBDC7BA)
YUV	194.5280, -4.2043, -4.8481
Hunter-Lab	74.1137, -9.2477, 8.5415

Details

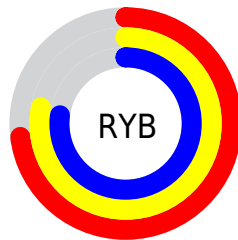
The CIELCh color `79, 7.884, 137.622` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 7.930, 318.141`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `99, 7.516, 137.690`, and `59, 7.680, 136.962` is the 20% darker color. If you saturate the color by 10%, you get `77, 20.030, 137.120`, and if you desaturate by 10%, it is `81, 4.147, 317.980`.

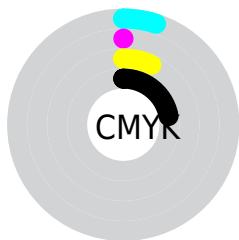
Distribution



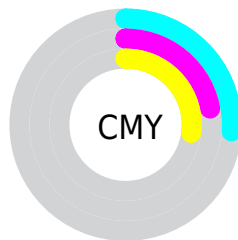
- Red (74%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 7.884, 137.622 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, 7.884, 137.622 by changing the saturation by 10% instead.

■ 79, 7.884, 137.622

■ 79, 7.884, 137.622

■ 100, 7.884,
137.622

■ 69, 7.884, 137.622

■ 99, 7.884, 137.622

■ 59, 7.884, 137.622

■ 49, 7.884, 137.622

■ 39, 7.884, 137.622

■ 29, 7.884, 137.622

■ 19, 7.884, 137.622

■ 9, 7.884, 137.622

■ 0, 7.884, 137.622

■ 79, 7.884, 137.622

■ 79, 7.884, 137.622

77, 20.030,
137.120

81, 4.147, 317.980

76, 32.176,
136.568

82, 15.994,
318.387

75, 44.173,
135.966

84, 27.603,
318.713

74, 55.814,
135.333

86, 34.475,
322.949

73, 66.816,
134.711

87, 35.403,
325.655

72, 76.798,
134.174

71, 85.282,
133.829

71, 91.749,
133.805

70, 95.878,

Harmonies

Complementary

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



79, 7.884, 137.622



77, 7.930, 318.141

Rectangle

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



79, 7.884, 137.622



79, 7.884, 187.622



79, 7.884, 317.622



79, 7.884, 7.622

Sweetspot

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



79, 7.886, 137.624



100, 2.936, 137.882



79, 5.411, 97.542



53, 1.669, 137.890



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, 7.886, 137.624



98, 11.820, 137.547



79, 7.019, 152.582



41, 6.853, 137.484



59, 83.681, 134.161



11, 24.934, 138.970

Inverse Universe

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



77, 7.930, 318.141



95, 11.890, 318.214



77, 7.048, 333.354



39, 6.897, 318.271



32, 84.704, 319.716



3, 24.154, 317.021

Previews

White Background



This preview shows how the CIELCh color 79, 7.884, 137.622 looks on a white background.

Color Contrast Check

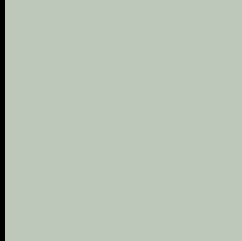
Large Text (above 18pt) WCAG AA × Fail

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, 7.884, 137.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

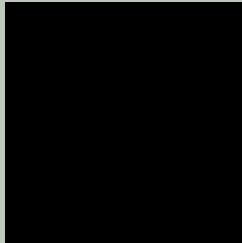
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

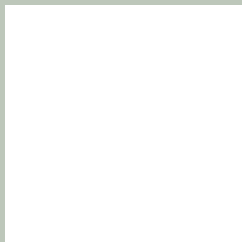
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 7.884, 137.622

Background



This preview shows how black text looks on a background with the CIELCh color 79, 7.884, 137.622.



This preview shows how white text looks on a background with the CIELCh color 79, 7.884, 137.622.

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

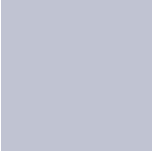
79, 7.884, 137.622

Protanopia

79, 6.896, 87.001

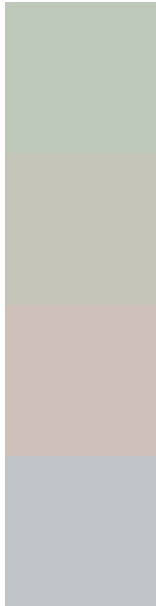
Deuteranopia

79, 10.633, 23.060



Tritanopia
79, 8.068, 283.342

Trichromacy



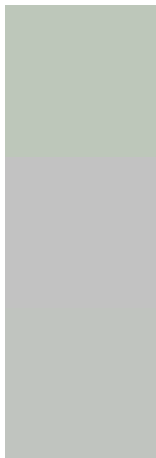
Original Color
79, 7.884, 137.622

Protanomaly
79, 6.389, 106.214

Deuteranomaly
79, 6.241, 44.923

Tritanomaly
79, 3.201, 256.153

Monochromacy



Original Color
79, 7.884, 137.622

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.056, 138.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 7.884, 137.622 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(189, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 186)  
}
```

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(189, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 7.884, 137.622 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(189, 199, 186) }
```

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

```
.border{ border-color:rgb(189, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 7.884, 137.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 186) }
```

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

```
.background{ background-color: rgb(189,  
199, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor