

Converting Colors

CIELCh(79, 9.921, 133.452)

Have a look what the booklet for
CIELCh(79, 9.921, 133.452) contains.

CIELCh(79, 9.969, 133.693)	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, 9.969, 133.693)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7B6
RGB	188, 199, 182
RGB Percent	74%, 78%, 71%
CMY	0.2627, 0.2195, 0.2862
CMYK	0.06, 0.00, 0.09, 0.22
HSL	99°, 13%, 75%
HSV	99°, 9%, 78%
XYZ	49.6178, 54.9284, 52.2541
YIQ	193.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

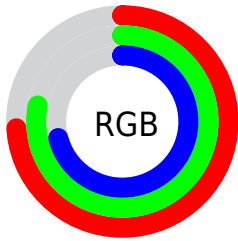
Format	Color
RYB	182, 199, 193
Decimal	12371894
CIELab	79.00, -6.89, 7.21
CIELCh	79, 9.969, 133.693
Yxy	54.9284, 0.3164, 0.3503
Android (android.graphics.Color)	4290561974 (0xFFBCC7B6)
YUV	193.7730, -5.8041, -5.0629
Hunter-Lab	74.1137, -10.1964, 10.0770

Details

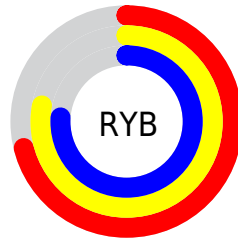
The CIELCh color **79, 9.969, 133.693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 10.060, 314.372**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 9.506, 133.775**, and **59, 9.898, 132.870** is the 20% darker color. If you saturate the color by 10%, you get **78, 21.707, 133.228**, and if you desaturate by 10%, it is **80, 1.703, 313.998**.

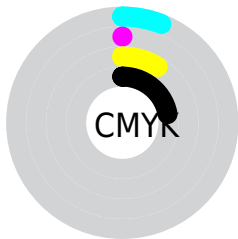
Distribution



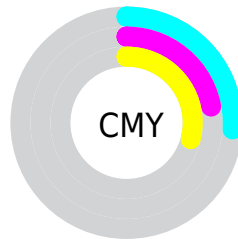
- Red (74%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.969, 133.693 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, 9.969, 133.693 by changing the saturation by 10% instead.

■ 79, 9.969, 133.693

■ 79, 9.969, 133.693

■ 100, 9.969,
133.693

■ 69, 9.969, 133.693

■ 99, 9.969, 133.693

■ 59, 9.969, 133.693

■ 49, 9.969, 133.693

■ 39, 9.969, 133.693

■ 29, 9.969, 133.693

■ 19, 9.969, 133.693

■ 9, 9.969, 133.693

■ 0, 9.969, 133.693

■ 79, 9.969, 133.693

■ 79, 9.969, 133.693

78, 21.707,
133.228

80, 1.703, 313.998

76, 33.406,
132.730

82, 13.247,
314.452

75, 44.930,
132.212

84, 24.611,
314.783

74, 56.087,
131.704

85, 32.636,
317.426

73, 66.605,
131.259

86, 34.650,
324.342

73, 76.109,
130.962

87, 35.108,
325.645

72, 84.127,
130.928

71, 90.171,
131.285

71, 94.106,

Harmonies

Complementary

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



79, 9.969, 133.693



75, 10.060, 314.372

Rectangle

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



79, 9.969, 133.693



79, 9.969, 183.693



79, 9.969, 313.693



79, 9.969, 3.693

Sweetspot

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



79, 9.971, 133.696



99, 4.265, 133.960



78, 6.191, 87.259



53, 3.236, 133.916



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, 9.971, 133.696



98, 14.282, 133.623



79, 10.122, 147.809



41, 6.618, 133.658



59, 81.453, 131.953



11, 24.073, 136.131

Inverse Universe

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



75, 10.060, 314.372



93, 14.426, 314.443



76, 10.146, 328.779



39, 6.681, 314.409



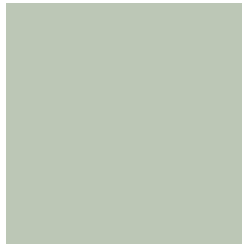
29, 86.576, 315.846



3, 23.154, 311.694

Previews

White Background



This preview shows how the CIELCh color 79, 9.969, 133.693 looks on a white background.

Color Contrast Check

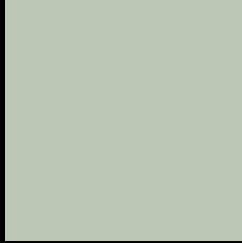
Large Text (above 18pt) WCAG AA × Fail

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, 9.969, 133.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

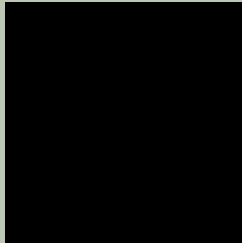
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

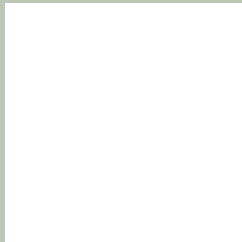
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.969, 133.693

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.969, 133.693.



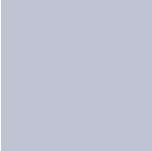
This preview shows how white text looks on a background with the CIELCh color 79, 9.969, 133.693.

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, 8.068, 283.342

Trichromacy



Original Color
79, 9.969, 133.693

Protanomaly
79, 8.006, 104.019

Deuteranomaly
79, 7.515, 64.613

Tritanomaly
79, 2.779, 249.840

Monochromacy



Original Color
79, 9.969, 133.693

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.533, 134.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.969, 133.693 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(188, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 182)  
}
```

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(188, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.969, 133.693 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(188, 199, 182) }
```

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

```
.border{ border-color:rgb(188, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.969, 133.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 182) }
```

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

```
.background{ background-color: rgb(188,  
199, 182) }
```

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