

Converting Colors

CIELCh(79, 10.870, 131.685)

Have a look what the booklet for
CIELCh(79, 10.870, 131.685)
contains.

CIELCh(79, 10.949, 131.388)	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, 10.949, 131.388)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7B4
RGB	188, 199, 180
RGB Percent	74%, 78%, 71%
CMY	0.2622, 0.2190, 0.2935
CMYK	0.06, 0.00, 0.10, 0.22
HSL	95°, 15%, 74%
HSV	95°, 10%, 78%
XYZ	49.4876, 54.9284, 51.2531
YIQ	193.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

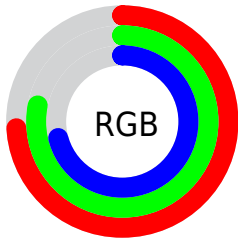
Format	Color
RYB	180, 199, 191
Decimal	12371892
CIELab	79.00, -7.24, 8.21
CIELCh	79, 10.949, 131.388
Yxy	54.9284, 0.3179, 0.3529
Android (android.graphics.Color)	4290561972 (0xFFBCC7B4)
YUV	193.5450, -6.6777, -4.8630
Hunter-Lab	74.1137, -10.5099, 10.8778

Details

The CIELCh color **79, 10.949, 131.388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 11.078, 312.169**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 10.441, 131.478**, and **59, 10.940, 130.475** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.468, 130.928**, and if you desaturate by 10%, it is **80, 0.532, 311.529**.

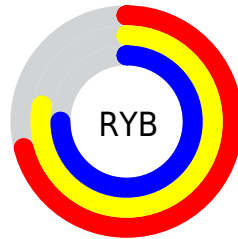
Distribution



Red (74%)

Green (78%)

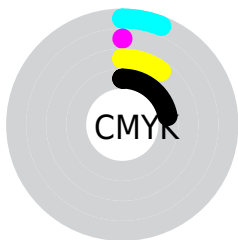
Blue (71%)



Red (71%)

Yellow (78%)

Blue (75%)

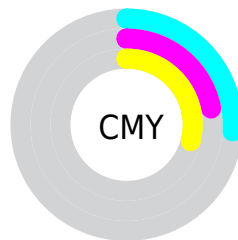


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (22%)



Cyan (26%)


Magenta (22%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 10.949, 131.388 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, 10.949, 131.388 by changing the saturation by 10% instead.


 79, 10.949,
131.388

 79, 10.949,
131.388


 100, 10.949,
131.388


 69, 10.949,
131.388


 99, 10.949,
131.388

 59, 10.949,
131.388

 49, 10.949,
131.388

 39, 10.949,
131.388

 29, 10.949,
131.388

 19, 10.949,
131.388

 9, 10.949, 131.388

0, 10.949, 131.388

79, 10.949,
131.388

79, 10.949,
131.388

78, 22.468,
130.928

80, 0.532, 311.529

77, 33.926,
130.443

82, 11.913,
312.168

76, 45.192,
129.954

83, 23.145,
312.516

75, 56.075,
129.493

85, 31.870,
314.386

74, 66.306,
129.120

86, 33.475,
320.863

73, 75.510,
128.922

87, 35.025,
325.642

■ 72, 83.216,
129.020

■ 72, 88.956,
129.538

■ 71, 92.730,
130.457

Harmonies

Complementary

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



79, 10.949, 131.388



75, 11.078, 312.169

Rectangle

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



79, 10.949, 131.388



79, 10.949, 181.388



79, 10.949, 311.388



79, 10.949, 1.388

Sweetspot

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



79, 10.951, 131.391



99, 4.191, 131.697



78, 6.530, 81.030



53, 3.180, 131.655



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, 10.951, 131.391



98, 15.435, 131.318



78, 11.864, 145.735



41, 6.500, 131.398



59, 79.931, 130.272



12, 23.535, 134.154

Inverse Universe

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



75, 11.078, 312.169



92, 15.637, 312.242



75, 11.886, 326.799



39, 6.574, 312.162



27, 87.786, 313.947



3, 22.740, 308.919

Previews

White Background



This preview shows how the CIELCh color 79, 10.949, 131.388 looks on a white background.

Color Contrast Check

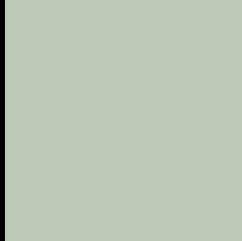
Large Text (above 18pt) WCAG AA × Fail

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, 10.949, 131.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

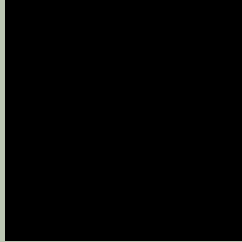
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

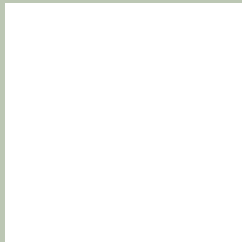
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.949, 131.388

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.949, 131.388.



This preview shows how white text looks on a background with the CIELCh color 79, 10.949, 131.388.

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

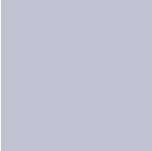
79, 10.949, 131.388

Protanopia

79, 9.533, 90.633

Deuteranopia

79, 12.132, 38.014



Tritanopia
79, 8.036, 285.845

Trichromacy



Original Color
79, 10.949, 131.388

Protanomaly
79, 9.568, 107.025

Deuteranomaly
79, 8.572, 67.663

Tritanomaly
79, 2.408, 225.825

Monochromacy



Original Color
79, 10.949, 131.388

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 4.024, 131.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.949, 131.388 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.949, 131.388 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, 180) }
```

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

```
.border{ border-color:rgb(188, 199, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.949, 131.388 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, 180) }
```

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

```
.background{ background-color: rgb(188,  
199, 180) }
```

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