

Converting Colors

CIELCh(78, 11.147, 119.856)

Have a look what the booklet for
CIELCh(78, 11.147, 119.856)
contains.

CIELCh(78, 10.838, 119.281)	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(78, 10.838, 119.281)

Conversions

Conversions Part 1

Format	Color
Hex	BEC3AF
RGB	190, 195, 175
RGB Percent	75%, 76%, 69%
CMY	0.2540, 0.2344, 0.3129
CMYK	0.03, 0.00, 0.10, 0.23
HSL	75°, 14%, 73%
HSV	75°, 10%, 77%
XYZ	48.6172, 53.2120, 48.3802
YIQ	191.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

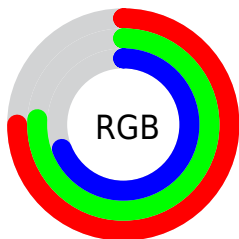
Format	Color
RYB	175, 195, 180
Decimal	12501935
CIELab	78.00, -5.30, 9.45
CIELCh	78, 10.838, 119.281
Yxy	53.2120, 0.3237, 0.3543
Android (android.graphics.Color)	4290692015 (0xFFBEC3AF)
YUV	191.2250, -7.9989, -1.0743
Hunter-Lab	72.9466, -8.6903, 11.7398

Details

The CIELCh color **78, 10.838, 119.281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 11.071, 300.578**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.898, 120.780**, and **58, 10.316, 118.043** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.375, 118.654**, and if you desaturate by 10%, it is **79, 0.254, 120.016**.

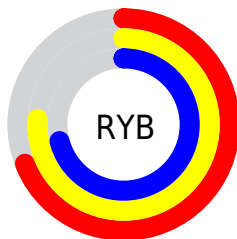
Distribution



Red (75%)

Green (76%)

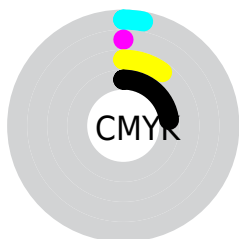
Blue (69%)



Red (69%)

Yellow (76%)

Blue (71%)

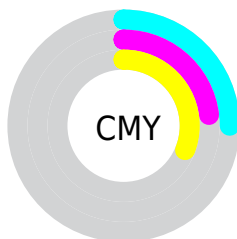


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (23%)



Cyan (25%)


Magenta (23%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.838, 119.281 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 78, 10.838, 119.281 by changing the saturation by 10% instead.


 78, 10.838,
119.281


 78, 10.838,
119.281


 100, 10.838,
119.281


 68, 10.838,
119.281


 98, 10.838,
119.281

 58, 10.838,
119.281

 48, 10.838,
119.281

 38, 10.838,
119.281

 28, 10.838,
119.281

 18, 10.838,
119.281

 8, 10.838, 119.281

0, 10.838, 119.281

78, 10.838,
119.281

78, 10.838,
119.281

77, 21.375,
118.654

79, 0.254, 120.016

76, 31.781,
118.023

80, 10.329,
300.487

76, 41.940,
117.415

81, 20.869,
301.047

75, 51.678,
116.868

82, 31.338,
301.573

75, 60.735,
116.435

82, 32.491,
304.207

74, 68.740,
116.191

83, 32.840,
307.020

■ 74, 75.230,
116.233

■ 83, 33.263,
309.796

■ 73, 79.762,
116.660

■ 83, 33.759,
312.524

■ 73, 82.421,
117.430

■ 84, 34.326,
315.192

Harmonies

Complementary

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



78, 10.838, 119.281



73, 11.071, 300.578

Rectangle

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



78, 10.838, 119.281



78, 10.838, 169.281



78, 10.838, 299.281



78, 10.838, 349.281

Sweetspot

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



78, 10.840, 119.287



100, 3.935, 119.739



74, 6.326, 44.907



53, 2.985, 119.687



0, 0.000, 0.000



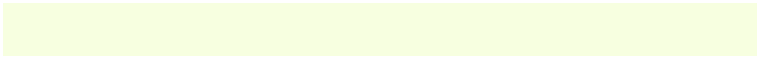
53, 0.007, 296.813

Same Dimension

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



78, 10.840, 119.287



99, 15.763, 119.165



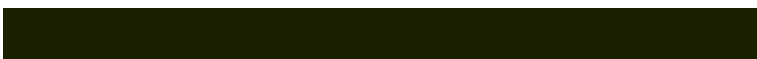
77, 12.135, 136.857



41, 5.960, 119.342



61, 71.261, 117.245



11, 19.389, 121.268

Inverse Universe

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



73, 11.071, 300.578



91, 16.158, 300.716



73, 12.222, 317.714



38, 6.078, 300.516



20, 92.549, 307.822



1, 19.668, 297.862

Previews

White Background



This preview shows how the CIELCh color 78, 10.838, 119.281 looks on a white background.

Color Contrast Check

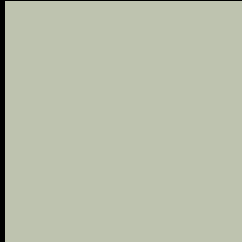
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.838, 119.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

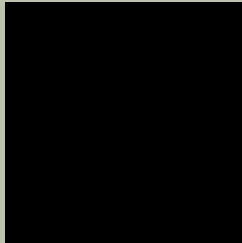
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

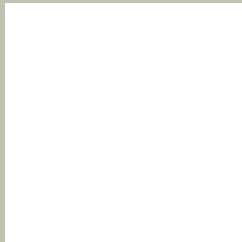
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.838, 119.281

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.838, 119.281.

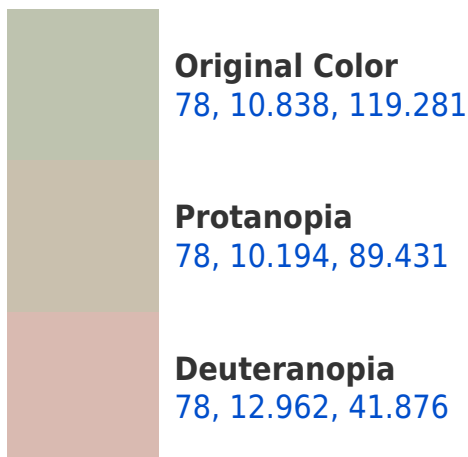


This preview shows how white text looks on a background with the CIELCh color 78, 10.838, 119.281.

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
78, 8.191, 300.989

Trichromacy



Original Color
78, 10.838, 119.281

Protanomaly
78, 10.235, 100.622

Deuteranomaly
78, 9.815, 64.579

Tritanomaly
78, 1.079, 290.334

Monochromacy



Original Color
78, 10.838, 119.281

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 4.340, 119.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.838, 119.281 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(190, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 175)  
}
```

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(190, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.838, 119.281 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(190, 195, 175) }
```

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

```
.border{ border-color:rgb(190, 195, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.838, 119.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 175) }
```

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

```
.background{ background-color: rgb(190,  
195, 175) }
```

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