

Converting Colors

CIELCh(78, 12.936, 138.616)

Have a look what the booklet for
CIELCh(78, 12.936, 138.616)
contains.

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Color

CIELCh(78, 12.936, 138.616)

Conversions

Conversions Part 1

Format	Color
Hex	B5C6B1
RGB	181, 198, 177
RGB Percent	71%, 78%, 69%
CMY	0.2913, 0.2246, 0.3070
CMYK	0.09, 0.00, 0.11, 0.22
HSL	109°, 15%, 73%
HSV	109°, 11%, 78%
XYZ	47.0281, 53.2120, 49.2424
YIQ	190.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

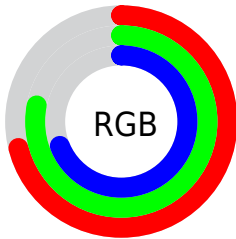
Format	Color
RYB	177, 198, 194
Decimal	11912881
CIELab	78.00, -9.71, 8.55
CIELCh	78, 12.936, 138.616
Yxy	53.2120, 0.3146, 0.3560
Android (android.graphics.Color)	4290102961 (0xFFB5C6B1)
YUV	190.5230, -6.6668, -8.3517
Hunter-Lab	72.9466, -12.5788, 11.0390

Details

The CIELCh color **78, 12.936, 138.616** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 13.011, 319.552**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 12.942, 138.964**, and **58, 13.046, 138.183** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.212, 138.072**, and if you desaturate by 10%, it is **80, 0.742, 139.353**.

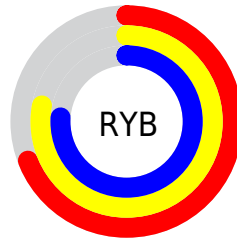
Distribution



Red (71%)

Green (78%)

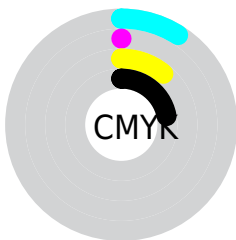
Blue (69%)



Red (69%)

Yellow (78%)

Blue (76%)

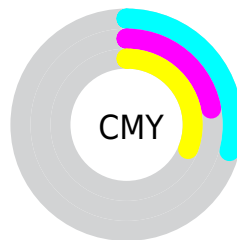


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (29%)


Magenta (22%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.936, 138.616 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, 12.936, 138.616 by changing the saturation by 10% instead.


 78, 12.936,
138.616

 78, 12.936,
138.616

 100, 12.936,
138.616


 68, 12.936,
138.616


 98, 12.936,
138.616

 58, 12.936,
138.616

 48, 12.936,
138.616

 38, 12.936,
138.616

 28, 12.936,
138.616

 18, 12.936,
138.616

 8, 12.936, 138.616

0, 12.936, 138.616

78, 12.936,
138.616

78, 12.936,
138.616

76, 25.212,
138.072

80, 0.742, 139.353

75, 37.431,
137.465

81, 11.283,
319.459

74, 49.415,
136.803

83, 23.072,
319.817

73, 60.915,
136.110

85, 34.217,
320.456

72, 71.601,
135.437

86, 35.926,
325.673

71, 81.041,
134.871

■ 71, 88.721,
134.531

■ 70, 94.158,
134.540

■ 70, 97.297,
134.806

Harmonies

Complementary

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



78, 12.936, 138.616



74, 13.011, 319.552

Rectangle

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



78, 12.936, 138.616



78, 12.936, 188.616



78, 12.936, 318.616



78, 12.936, 8.616

Sweetspot

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



78, 12.938, 138.617



99, 4.466, 139.020



78, 9.083, 99.188



53, 3.389, 138.971



0, 0.000, 0.000



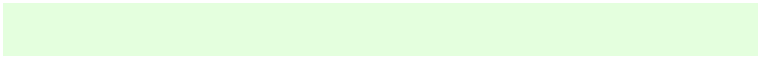
53, 0.007, 296.813

Same Dimension

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



78, 12.938, 138.617



97, 19.496, 138.482



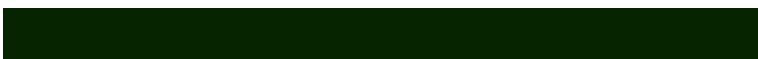
78, 11.101, 153.568



41, 6.937, 138.681



59, 84.243, 134.678



11, 25.216, 139.823

Inverse Universe

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



74, 13.011, 319.552



91, 19.623, 319.670



74, 11.160, 334.980



39, 6.974, 319.494



33, 84.199, 321.105



3, 24.567, 318.846

Previews

White Background



This preview shows how the CIELCh color 78, 12.936, 138.616 looks on a white background.

Color Contrast Check

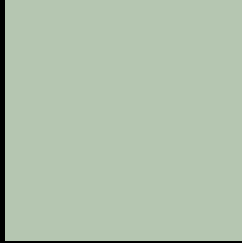
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.936, 138.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

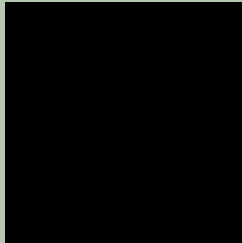
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

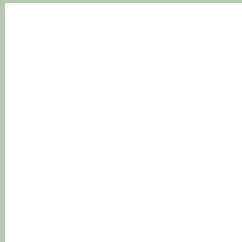
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.936, 138.616

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.936, 138.616.

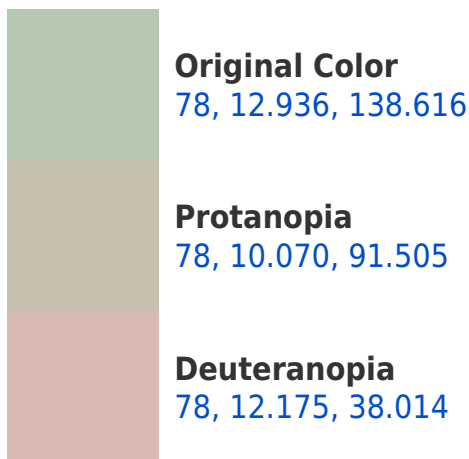


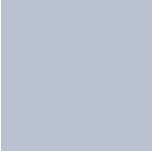
This preview shows how white text looks on a background with the CIELCh color 78, 12.936, 138.616.

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](#).

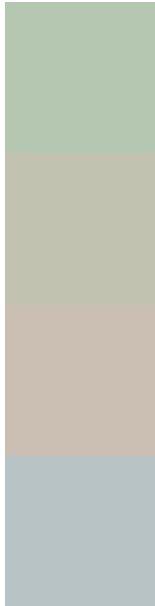
Dichromacy





Tritanopia
78, 8.359, 273.725

Trichromacy



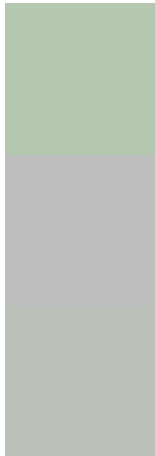
Original Color
78, 12.936, 138.616

Protanomaly
78, 10.135, 111.391

Deuteranomaly
78, 8.101, 71.711

Tritanomaly
78, 4.092, 214.434

Monochromacy



Original Color
78, 12.936, 138.616

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.842, 137.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.936, 138.616 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(181, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 177)  
}
```

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(181, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.936, 138.616 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(181, 198, 177) }
```

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

```
.border{ border-color:rgb(181, 198, 177) }
```

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

Here you see how a box with a 4 pixel rgb(181, 198, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.936, 138.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 177) }
```

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

```
.background{ background-color: rgb(181,  
198, 177) }
```

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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