

Converting Colors

CIELCh(78, 10.280, 143.801)

Have a look what the booklet for
CIELCh(78, 10.280, 143.801)
contains.

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Color

CIELCh(78, 10.466, 143.996)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5B5
RGB	181, 197, 181
RGB Percent	71%, 77%, 71%
CMY	0.2894, 0.2267, 0.2894
CMYK	0.08, 0.00, 0.08, 0.23
HSL	120°, 12%, 74%
HSV	120°, 8%, 77%
XYZ	47.4716, 53.2120, 51.5878
YIQ	190.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

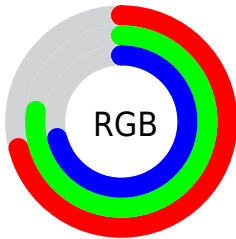
Format	Color
RYB	181, 197, 197
Decimal	11912629
CIELab	78.00, -8.47, 6.15
CIELCh	78, 10.466, 143.996
Yxy	53.2120, 0.3118, 0.3495
Android (android.graphics.Color)	4290102709 (0xFFB5C5B5)
YUV	190.3920, -4.6303, -8.2368
Hunter-Lab	72.9466, -11.4937, 9.1327

Details

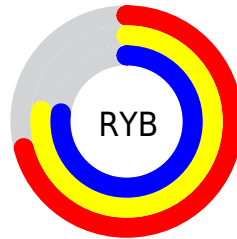
The CIELCh color **78, 10.466, 143.996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 10.486, 324.860**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.589, 144.082**, and **58, 10.425, 143.858** is the 20% darker color. If you saturate the color by 10%, you get **76, 23.487, 143.311**, and if you desaturate by 10%, it is **80, 2.419, 324.436**.

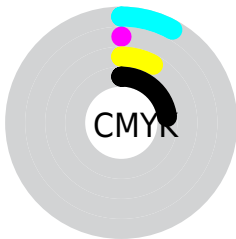
Distribution



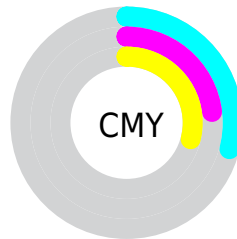
- Red (71%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)





- Cyan (29%)
- Magenta (23%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.466, 143.996 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, 10.466, 143.996 by changing the saturation by 10% instead.


 78, 10.466,
143.996


 78, 10.466,
143.996


 100, 10.466,
143.996


 68, 10.466,
143.996


 98, 10.466,
143.996

 58, 10.466,
143.996

 48, 10.466,
143.996

 38, 10.466,
143.996

 28, 10.466,
143.996

 18, 10.466,
143.996

 8, 10.466, 143.996

0, 10.466, 143.996

78, 10.466,
143.996

78, 10.466,
143.996

76, 23.487,
143.311

80, 2.419, 324.436

75, 36.466,
142.520

82, 15.053,
325.006

73, 49.171,
141.609

84, 27.356,
325.421

72, 61.296,
140.582

86, 36.253,
325.684

71, 72.460,
139.470

70, 82.201,
138.341

■ 70, 90.002,
137.312

■ 70, 95.384,
136.530

■ 70, 98.268,
136.085

Harmonies

Complementary

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



78, 10.466, 143.996



75, 10.486, 324.860

Rectangle

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



78, 10.466, 143.996



78, 10.466, 193.996



78, 10.466, 323.996



78, 10.466, 13.996

Sweetspot

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



78, 10.468, 143.996



100, 3.155, 144.428



79, 8.504, 109.396



53, 1.793, 144.439



0, 0.000, 0.000



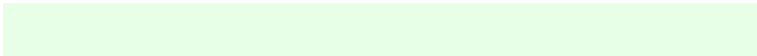
53, 0.007, 296.813

Same Dimension

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



78, 10.468, 143.996



98, 15.912, 143.863



78, 7.300, 163.035



41, 7.371, 143.914



58, 85.776, 136.016



11, 26.597, 143.591

Inverse Universe

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



75, 10.486, 324.860



94, 15.934, 324.976



75, 7.383, 344.267



39, 7.382, 324.932



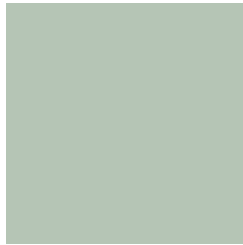
39, 82.760, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 78, 10.466, 143.996 looks on a white background.

Color Contrast Check

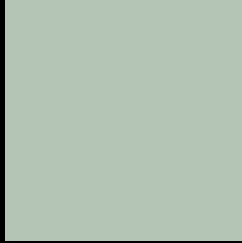
Large Text (above 18pt) WCAG AA × Fail

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, 10.466, 143.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

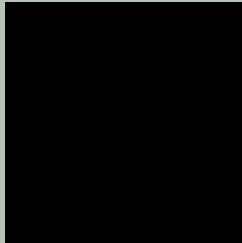
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

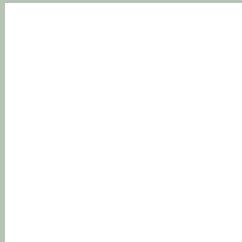
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.466, 143.996

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.466, 143.996.



This preview shows how white text looks on a background with the CIELCh color 78, 10.466, 143.996.

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](#).

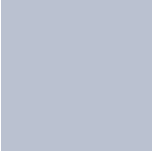
Dichromacy



Original Color
78, 10.466, 143.996

Protanopia
78, 7.917, 89.791

Deuteranopia
78, 11.207, 28.413



Tritanopia
78, 8.359, 273.725

Trichromacy



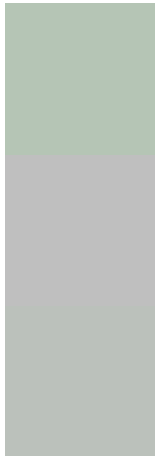
Original Color
78, 10.466, 143.996

Protanomaly
78, 8.007, 112.140

Deuteranomaly
78, 6.512, 60.522

Tritanomaly
78, 4.246, 221.508

Monochromacy



Original Color
78, 10.466, 143.996

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.920, 144.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.466, 143.996 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, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 181)  
}
```

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, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.466, 143.996 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, 197, 181) }
```

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

```
.border{ border-color:rgb(181, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.466, 143.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 181) }
```

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

```
.background{ background-color: rgb(181,  
197, 181) }
```

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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