

Converting Colors

CIELCh(78, 8.754, 143.290)

Have a look what the booklet for
CIELCh(78, 8.754, 143.290) contains.

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Color

CIELCh(78, 8.501, 144.093)

Conversions

Conversions Part 1

Format	Color
Hex	B7C4B7
RGB	183, 196, 183
RGB Percent	72%, 77%, 72%
CMY	0.2808, 0.2298, 0.2808
CMYK	0.07, 0.00, 0.07, 0.23
HSL	120°, 10%, 74%
HSV	120°, 7%, 77%
XYZ	48.0415, 53.2120, 52.7546
YIQ	190.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

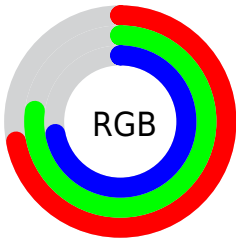
Format	Color
RYB	183, 196, 196
Decimal	12043447
CIELab	78.00, -6.89, 4.99
CIELCh	78, 8.501, 144.093
Yxy	53.2120, 0.3119, 0.3455
Android (android.graphics.Color)	4290233527 (0xFFB7C4B7)
YUV	190.6310, -3.7621, -6.6924
Hunter-Lab	72.9466, -10.0991, 8.1843

Details

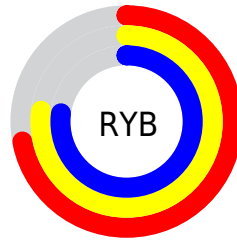
The CIELCh color **78, 8.501, 144.093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 8.521, 324.773**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.717, 144.159**, and **58, 8.339, 143.988** is the 20% darker color. If you saturate the color by 10%, you get **76, 21.469, 143.420**, and if you desaturate by 10%, it is **80, 4.310, 324.560**.

Distribution



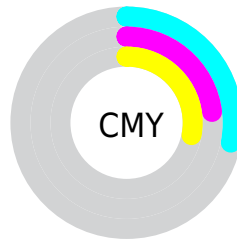
- Red (72%)
- Green (77%)
- Blue (72%)



- Red (72%)
- Yellow (77%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.501, 144.093 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, 8.501, 144.093 by changing the saturation by 10% instead.

■ 78, 8.501, 144.093

■ 78, 8.501, 144.093

■ 100, 8.501,
144.093

■ 68, 8.501, 144.093

■ 98, 8.501, 144.093

■ 58, 8.501, 144.093

■ 48, 8.501, 144.093

■ 38, 8.501, 144.093

■ 28, 8.501, 144.093

■ 18, 8.501, 144.093

■ 8, 8.501, 144.093

■ 0, 8.501, 144.093

■ 78, 8.501, 144.093

■ 78, 8.501, 144.093

76, 21.469,
143.420

80, 4.310, 324.560

75, 34.425,
142.646

82, 16.858,
325.073

73, 47.147,
141.754

84, 29.067,
325.476

72, 59.342,
140.743

86, 36.751,
325.701

71, 70.640,
139.641

70, 80.596,
138.509

70, 88.698,
137.456

69, 94.452,
136.628

69, 97.625,

Harmonies

Complementary

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



78, 8.501, 144.093



76, 8.521, 324.773

Rectangle

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



78, 8.501, 144.093



78, 8.501, 194.093



78, 8.501, 324.093



78, 8.501, 14.093

Sweetspot

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



78, 8.503, 144.093



100, 3.155, 144.428



79, 6.917, 109.538



53, 1.793, 144.439



0, 0.000, 0.000



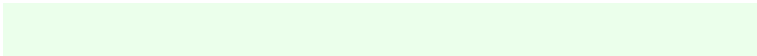
53, 0.007, 296.813

Same Dimension

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



78, 8.503, 144.093



98, 12.711, 143.996



78, 5.935, 163.175



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.



76, 8.521, 324.773



95, 12.733, 324.860



76, 5.994, 344.128



39, 7.382, 324.932



39, 82.759, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 78, 8.501, 144.093 looks on a white background.

Color Contrast Check

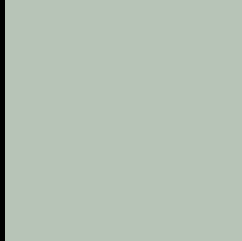
Large Text (above 18pt) WCAG AA × Fail

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, 8.501, 144.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

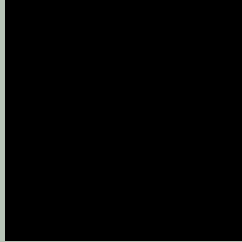
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

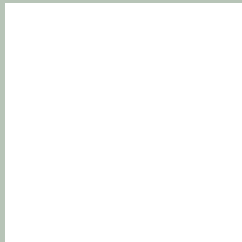
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.501, 144.093

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.501, 144.093.



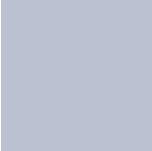
This preview shows how white text looks on a background with the CIELCh color 78, 8.501, 144.093.

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, 8.269, 276.059

Trichromacy



Original Color
78, 8.501, 144.093

Protanomaly
78, 6.410, 112.941

Deuteranomaly
78, 5.853, 52.764

Tritanomaly
78, 3.899, 242.814

Monochromacy



Original Color
78, 8.501, 144.093

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.263, 144.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.501, 144.093 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(183, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 183)  
}
```

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(183, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.501, 144.093 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(183, 196, 183) }
```

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

```
.border{ border-color:rgb(183, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.501, 144.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 183) }
```

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

```
.background{ background-color: rgb(183,  
196, 183) }
```

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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