

Converting Colors

CIELCh(80, 9.776, 143.262)

Have a look what the booklet for
CIELCh(80, 9.776, 143.262) contains.

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Color

CIELCh(80, 9.551, 142.276)

Conversions

Conversions Part 1

Format	Color
Hex	BCCABB
RGB	188, 202, 187
RGB Percent	74%, 79%, 73%
CMY	0.2618, 0.2068, 0.2657
CMYK	0.07, 0.00, 0.07, 0.21
HSL	116°, 12%, 76%
HSV	116°, 7%, 79%
XYZ	50.9767, 56.6813, 55.4074
YIQ	196.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

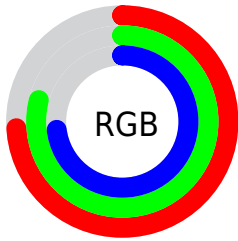
Format	Color
RYB	187, 202, 201
Decimal	12372667
CIELab	80.00, -7.55, 5.84
CIELCh	80, 9.551, 142.276
Yxy	56.6813, 0.3126, 0.3476
Android (android.graphics.Color)	4290562747 (0xFFBCCABB)
YUV	196.1040, -4.4883, -7.1072
Hunter-Lab	75.2870, -10.8901, 9.0665

Details

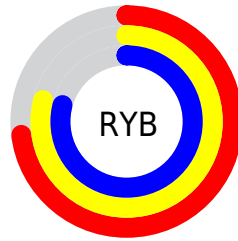
The CIELCh color $80, 9.551, 142.276$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.580, 322.990$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 7.257, 141.979$, and $60, 9.440, 142.040$ is the 20% darker color. If you saturate the color by 10%, you get $78, 22.551, 141.657$, and if you desaturate by 10%, it is $82, 3.308, 322.694$.

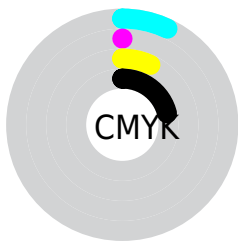
Distribution



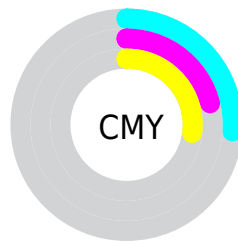
- Red (74%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.551, 142.276 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 80, 9.551, 142.276 by changing the saturation by 10% instead.

80, 9.551, 142.276

80, 9.551, 142.276

100, 9.551,
142.276

70, 9.551, 142.276

60, 9.551, 142.276

50, 9.551, 142.276

40, 9.551, 142.276

30, 9.551, 142.276

20, 9.551, 142.276

10, 9.551, 142.276

0, 9.551, 142.276

80, 9.551, 142.276

80, 9.551, 142.276

78, 22.551,
141.657

82, 3.308, 322.694

77, 35.534,
140.950

84, 15.926,
323.192

75, 48.295,
140.147

86, 28.232,
323.571

74, 60.557,
139.256

87, 33.078,
325.575

73, 71.963,
138.311

72, 82.067,
137.380

72, 90.342,
136.575

71, 96.268,
136.034

71, 99.617,

135.828

Harmonies

Complementary

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



80, 9.551, 142.276



78, 9.580, 322.990

Rectangle

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



80, 9.551, 142.276



80, 9.551, 192.276



80, 9.551, 322.276



80, 9.551, 12.276

Sweetspot

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



80, 9.553, 142.277



100, 3.088, 142.635



81, 7.419, 106.606



53, 1.755, 142.645



0, 0.000, 0.000



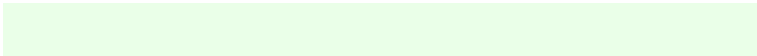
53, 0.007, 296.813

Same Dimension

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



80, 9.553, 142.277



98, 14.003, 142.175



80, 7.148, 159.702



42, 7.365, 142.159



59, 86.385, 135.700



12, 28.128, 141.614

Inverse Universe

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



78, 9.580, 322.990



94, 14.041, 323.080



77, 7.206, 340.747



40, 7.385, 323.095



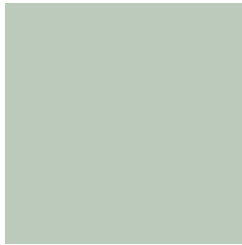
37, 84.029, 325.648



5, 28.375, 324.936

Previews

White Background



This preview shows how the CIELCh color 80, 9.551, 142.276 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 80, 9.551, 142.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

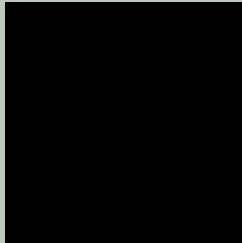
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

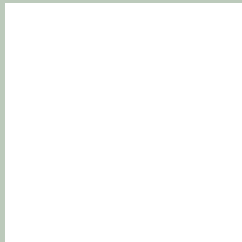
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 9.551, 142.276

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.551, 142.276.



This preview shows how white text looks on a background with the CIELCh color 80, 9.551, 142.276.

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

80, 9.551, 142.276

Protanopia

80, 7.036, 84.147

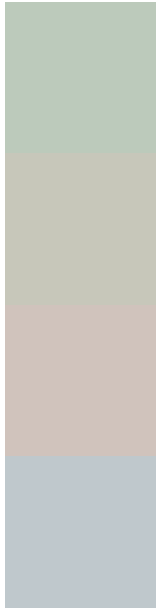
Deuteranopia

80, 11.057, 25.709



Tritanopia
80, 8.745, 277.000

Trichromacy



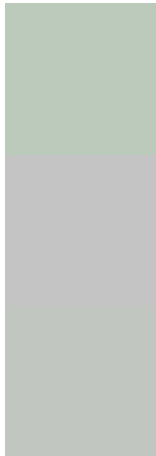
Original Color
80, 9.551, 142.276

Protanomaly
80, 6.895, 109.546

Deuteranomaly
80, 6.135, 56.870

Tritanomaly
80, 3.836, 233.122

Monochromacy



Original Color
80, 9.551, 142.276

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.248, 144.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.551, 142.276 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, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 187)  
}
```

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, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.551, 142.276 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, 202, 187) }
```

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

```
.border{ border-color:rgb(188, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.551, 142.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 187) }
```

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

```
.background{ background-color: rgb(188,  
202, 187) }
```

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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