

Converting Colors

CIELCh(81, 11.217, 144.013)

Have a look what the booklet for
CIELCh(81, 11.217, 144.013)
contains.

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Color

CIELCh(81, 11.028, 143.986)

Conversions

Conversions Part 1

Format	Color
Hex	BDCEBD
RGB	189, 206, 189
RGB Percent	74%, 81%, 74%
CMY	0.2598, 0.1931, 0.2598
CMYK	0.08, 0.00, 0.08, 0.19
HSL	120°, 15%, 77%
HSV	120°, 8%, 81%
XYZ	52.0933, 58.4711, 56.5432
YIQ	198.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

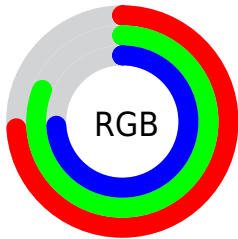
Format	Color
RYB	189, 206, 206
Decimal	12439229
CIELab	81.00, -8.92, 6.48
CIELCh	81, 11.028, 143.986
Yxy	58.4711, 0.3117, 0.3499
Android (android.graphics.Color)	4290629309 (0xFFBDCEBD)
YUV	198.9790, -4.9196, -8.7516
Hunter-Lab	76.4664, -12.2118, 9.6844

Details

The CIELCh color **81, 11.028, 143.986** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 11.049, 324.870**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.207, 144.269**, and **61, 10.997, 143.852** is the 20% darker color. If you saturate the color by 10%, you get **79, 24.507, 143.297**, and if you desaturate by 10%, it is **83, 2.312, 324.421**.

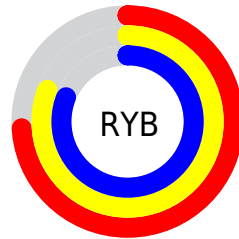
Distribution



Red (74%)

Green (81%)

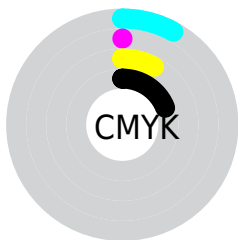
Blue (74%)



Red (74%)

Yellow (81%)

Blue (81%)

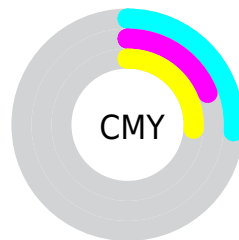


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (19%)



Cyan (26%)


Magenta (19%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 11.028, 143.986 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 81, 11.028, 143.986 by changing the saturation by 10% instead.


 81, 11.028,
143.986


 81, 11.028,
143.986


 100, 11.028,
143.986


 71, 11.028,
143.986


 61, 11.028,
143.986

 51, 11.028,
143.986

 41, 11.028,
143.986

 31, 11.028,
143.986

 21, 11.028,
143.986

 11, 11.028,

143.986

■ 1, 11.028, 143.986

■ 0, 11.028, 143.986

■ 81, 11.028,
143.986

■ 81, 11.028,
143.986

■ 79, 24.507,
143.297

■ 83, 2.312, 324.421

■ 78, 37.938,
142.502

■ 85, 15.393,
325.002

■ 76, 51.079,
141.585

■ 88, 28.132,
325.419

■ 75, 63.609,
140.553

■ 88, 30.881,
325.499

■ 74, 75.128,

139.436

■ 73, 85.155,
138.305

■ 73, 93.151,
137.279

■ 72, 98.622,
136.507

■ 72, 101.494,
136.077

Harmonies

Complementary

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



81, 11.028, 143.986



78, 11.049, 324.870

Rectangle

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



81, 11.028, 143.986



81, 11.028, 193.986



81, 11.028, 323.986



81, 11.028, 13.986

Sweetspot

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



81, 11.030, 143.986



100, 3.155, 144.429



82, 8.960, 109.380



53, 1.793, 144.440



0, 0.000, 0.000



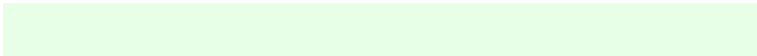
53, 0.007, 296.813

Same Dimension

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



81, 11.030, 143.986



98, 15.911, 143.864



81, 7.691, 163.020



42, 7.527, 143.913



59, 86.761, 136.016



12, 28.688, 142.914

Inverse Universe

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



78, 11.049, 324.870



94, 15.934, 324.976



78, 7.780, 344.283



40, 7.538, 324.935



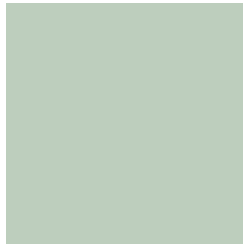
39, 83.709, 328.234



5, 29.041, 327.498

Previews

White Background



This preview shows how the CIELCh color 81, 11.028, 143.986 looks on a white background.

Color Contrast Check

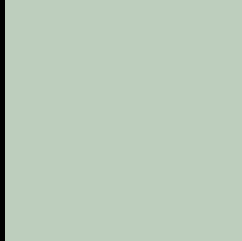
Large Text (above 18pt) WCAG AA × Fail

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 81, 11.028, 143.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

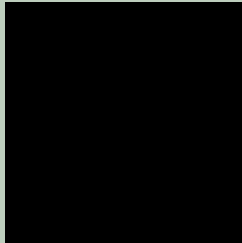
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

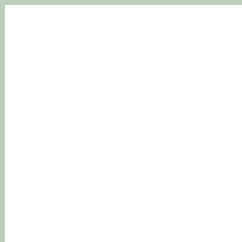
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.028, 143.986

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.028, 143.986.



This preview shows how white text looks on a background with the CIELCh color 81, 11.028, 143.986.

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](#).

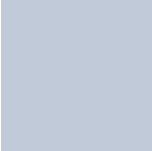
Dichromacy



Original Color
81, 11.028, 143.986

Protanopia
81, 7.990, 87.265

Deuteranopia
81, 11.491, 28.143



Tritanopia
81, 8.506, 269.170

Trichromacy



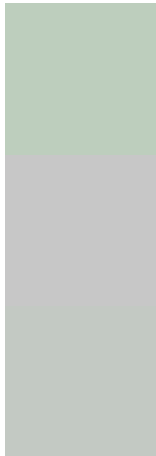
Original Color
81, 11.028, 143.986

Protanomaly
81, 7.947, 112.164

Deuteranomaly
81, 6.458, 60.554

Tritanomaly
81, 4.739, 225.923

Monochromacy



Original Color
81, 11.028, 143.986

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.889, 144.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.028, 143.986 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(189, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 189)  
}
```

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(189, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.028, 143.986 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(189, 206, 189) }
```

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

```
.border{ border-color:rgb(189, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.028, 143.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 189) }
```

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

```
.background{ background-color: rgb(189,  
206, 189) }
```

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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