

Converting Colors

CIELCh(81, 8.965, 136.484)

Have a look what the booklet for
CIELCh(81, 8.965, 136.484) contains.

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Color

CIELCh(81, 8.965, 136.484)

Conversions

Conversions Part 1

Format	Color
Hex	C1CCBD
RGB	193, 204, 189
RGB Percent	76%, 80%, 74%
CMY	0.2415, 0.1983, 0.2572
CMYK	0.05, 0.00, 0.07, 0.20
HSL	104°, 13%, 77%
HSV	104°, 7%, 80%
XYZ	53.0227, 58.4711, 56.8724
YIQ	199.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

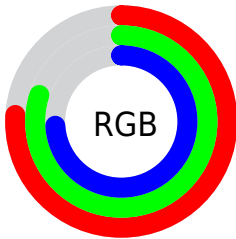
Format	Color
RYB	189, 204, 200
Decimal	12700861
CIELab	81.00, -6.50, 6.17
CIELCh	81, 8.965, 136.484
Yxy	58.4711, 0.3149, 0.3473
Android (android.graphics.Color)	4290890941 (0xFFC1CCBD)
YUV	199.0010, -4.9305, -5.2629
Hunter-Lab	76.4664, -10.0423, 9.4291

Details

The CIELCh color $81, 8.965, 136.484$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.025, 317.068$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.512, 132.354$, and $61, 9.005, 137.987$ is the 20% darker color. If you saturate the color by 10%, you get $79, 21.270, 135.995$, and if you desaturate by 10%, it is $83, 3.239, 316.829$.

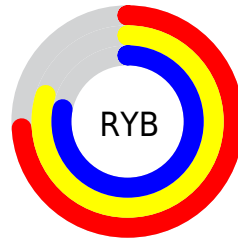
Distribution



Red (76%)

Green (80%)

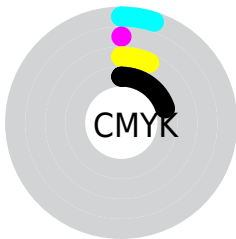
Blue (74%)



Red (74%)

Yellow (80%)

Blue (78%)

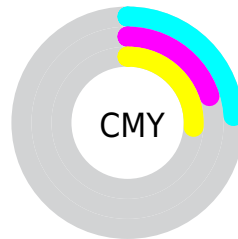


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.965, 136.484 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, 8.965, 136.484 by changing the saturation by 10% instead.

■ 81, 8.965, 136.484

■ 81, 8.965, 136.484

■ 100, 8.965,
136.484

■ 71, 8.965, 136.484

■ 61, 8.965, 136.484

■ 51, 8.965, 136.484

■ 41, 8.965, 136.484

■ 31, 8.965, 136.484

■ 21, 8.965, 136.484

■ 11, 8.965, 136.484

■ 1, 8.965, 136.484

■ 0, 8.965, 136.484

81, 8.965, 136.484

81, 8.965, 136.484

79, 21.270,
135.995

83, 3.239, 316.829

78, 33.561,
135.460

84, 15.273,
317.246

77, 45.689,
134.885

86, 27.081,
317.572

76, 57.444,
134.292

88, 31.422,
324.635

75, 68.537,
133.729

88, 31.715,
325.528

74, 78.580,
133.273

73, 87.077,
133.037

73, 93.508,
133.149

■ 72, 97.602,
133.668

Harmonies

Complementary

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



81, 8.965, 136.484



78, 9.025, 317.068

Rectangle

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



81, 8.965, 136.484



81, 8.965, 186.484



81, 8.965, 316.484



81, 8.965, 6.484

Sweetspot

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



81, 8.967, 136.486



100, 2.906, 136.775



81, 6.005, 95.194



53, 1.652, 136.784



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, 8.967, 136.486



98, 13.165, 136.401



81, 8.265, 151.279



42, 6.924, 136.388



60, 84.074, 133.629



12, 26.519, 137.379

Inverse Universe

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



78, 9.025, 317.068



94, 13.259, 317.148



78, 8.295, 332.149



40, 6.974, 317.160



31, 86.190, 318.511



4, 26.257, 316.419

Previews

White Background



This preview shows how the CIELCh color 81, 8.965, 136.484 looks on a white background.

Color Contrast Check

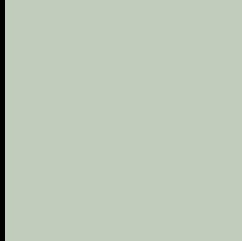
Large Text (above 18pt) WCAG AA × Fail

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, 8.965, 136.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

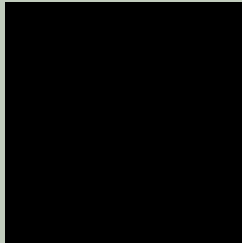
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

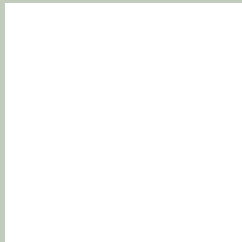
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.965, 136.484

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.965, 136.484.



This preview shows how white text looks on a background with the CIELCh color 81, 8.965, 136.484.

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, 8.965, 136.484

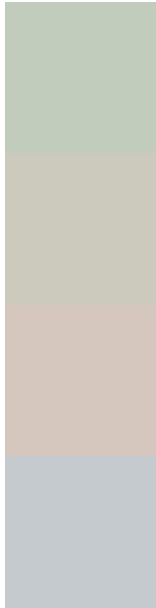
Protanopia
81, 7.500, 85.818

Deuteranopia
81, 11.491, 28.143



Tritanopia
81, 8.527, 286.196

Trichromacy



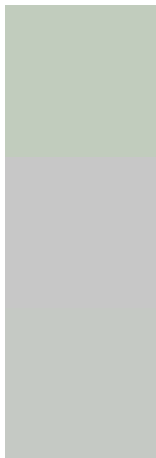
Original Color
81, 8.965, 136.484

Protanomaly
81, 7.410, 106.609

Deuteranomaly
81, 7.053, 56.518

Tritanomaly
81, 3.004, 244.560

Monochromacy



Original Color
81, 8.965, 136.484

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 3.041, 138.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.965, 136.484 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(193, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 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(193, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.965, 136.484 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(193, 204, 189) }
```

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

```
.border{ border-color:rgb(193, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.965, 136.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 189) }
```

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

```
.background{ background-color: rgb(193,  
204, 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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