

Converting Colors

CIELCh(81, 32.943, 128.555)

Have a look what the booklet for
CIELCh(81, 32.943, 128.555)
contains.

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Color

CIELCh(81, 33.188, 128.673)

Conversions

Conversions Part 1

Format	Color
Hex	B4D398
RGB	180, 211, 152
RGB Percent	71%, 83%, 60%
CMY	0.2946, 0.1731, 0.4044
CMYK	0.15, 0.00, 0.28, 0.17
HSL	92°, 40%, 71%
HSV	92°, 28%, 83%
XYZ	47.7087, 58.4711, 38.4220
YIQ	195.0050, 0.4630, -24.9210

Conversions

Conversions Part 2

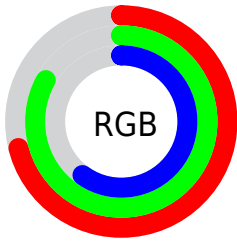
Format	Color
RYB	152, 211, 183
Decimal	11850648
CIELab	81.00, -20.74, 25.91
CIELCh	81, 33.188, 128.673
Yxy	58.4711, 0.3299, 0.4044
Android (android.graphics.Color)	4290040728 (0xFFB4D398)
YUV	195.0050, -21.2015, -13.1594
Hunter-Lab	76.4664, -22.4470, 23.7351

Details

The CIELCh color **81, 33.188, 128.673** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 34.425, 311.265**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.324, 124.397**, and **61, 32.812, 129.051** is the 20% darker color. If you saturate the color by 10%, you get **80, 44.842, 128.191**, and if you desaturate by 10%, it is **82, 21.353, 129.158**.

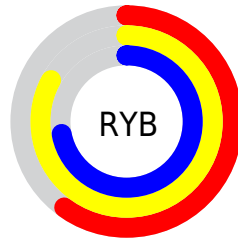
Distribution



Red (71%)

Green (83%)

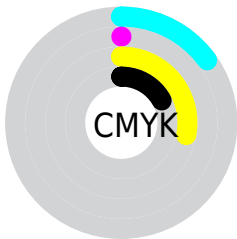
Blue (60%)



Red (60%)

Yellow (83%)

Blue (72%)

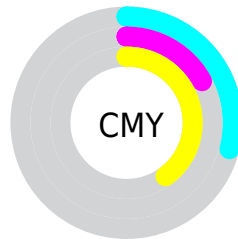


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (17%)



Cyan (29%)


Magenta (17%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 33.188, 128.673 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, 33.188, 128.673 by changing the saturation by 10% instead.


 81, 33.188,
128.673


 81, 33.188,
128.673


 100, 33.188,
128.673


 71, 33.188,
128.673

 61, 33.188,
128.673

 51, 33.188,
128.673

 41, 33.188,
128.673

 31, 33.188,
128.673

 21, 33.188,
128.673

 11, 33.188,

128.673

■ 1, 33.188, 128.673

■ 0, 33.188, 128.673

■ 81, 33.188,
128.673

■ 81, 33.188,
128.673

■ 80, 44.842,
128.191

■ 82, 21.353,
129.158

■ 79, 56.126,
127.740

■ 83, 9.459, 129.624

■ 78, 66.777,
127.377

■ 85, 2.403, 309.983

■ 77, 76.422,
127.188

■ 86, 14.168,
310.419

■ 77, 84.579,

■ 88, 24.662,
311.664

127.290

89, 26.168,
319.702

76, 90.749,
127.810

89, 27.661,
325.388

76, 94.745,
128.798

76, 95.433,
129.005

Harmonies

Complementary

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



81, 33.188, 128.673



67, 34.425, 311.265

Rectangle

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



81, 33.188, 128.673



81, 33.188, 178.673



81, 33.188, 308.673



81, 33.188, 358.673

Sweetspot

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



81, 33.190, 128.675



99, 11.067, 129.619



76, 20.108, 73.670



52, 7.869, 129.549



0, 0.000, 0.000



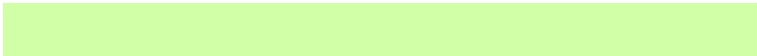
53, 0.007, 296.813

Same Dimension

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



81, 33.190, 128.675



95, 46.939, 128.364



79, 37.889, 142.958



43, 6.684, 129.559



61, 80.476, 128.750



14, 26.385, 130.545

Inverse Universe

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



67, 34.425, 311.265



76, 49.134, 311.596



70, 37.894, 326.416



41, 6.771, 310.354



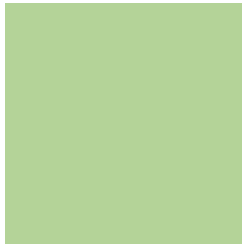
27, 90.847, 312.571



3, 26.893, 308.473

Previews

White Background



This preview shows how the CIELCh color 81, 33.188, 128.673 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 81, 33.188, 128.673 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, 33.188, 128.673

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.188, 128.673.

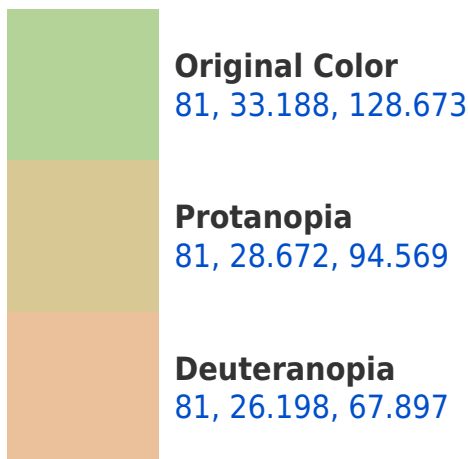


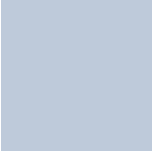
This preview shows how white text looks on a background with the CIELCh color 81, 33.188, 128.673.

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
81, 9.385, 264.541

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.188, 128.673 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(180, 211, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 211, 152)  
}
```

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(180, 211, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 211, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.188, 128.673 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(180, 211, 152) }
```

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

```
.border{ border-color:rgb(180, 211, 152) }
```

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

Here you see how a box with a 4 pixel rgb(180, 211, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 211, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 211, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 211,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.188, 128.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 211, 152) }
```

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

```
.background{ background-color: rgb(180,  
211, 152) }
```

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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