

Converting Colors

CIELCh(81, 33.346, 148.457)

Have a look what the booklet for
CIELCh(81, 33.346, 148.457)
contains.

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Color

CIELCh(81, 33.083, 148.599)

Conversions

Conversions Part 1

Format	Color
Hex	9CD7A8
RGB	156, 215, 168
RGB Percent	61%, 84%, 66%
CMY	0.3884, 0.1570, 0.3413
CMYK	0.27, 0.00, 0.22, 0.16
HSL	132°, 42%, 73%
HSV	132°, 27%, 84%
XYZ	45.0582, 58.4711, 45.9390
YIQ	192.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

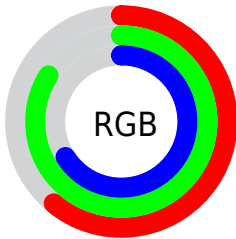
Format	Color
RYB	156, 205, 215
Decimal	10278824
CIELab	81.00, -28.24, 17.24
CIElCh	81, 33.083, 148.599
Yxy	58.4711, 0.3015, 0.3912
Android (android.graphics.Color)	4288468904 (0xFF9CD7A8)
YUV	192.0010, -11.8325, -31.5729
Hunter-Lab	76.4664, -28.6343, 17.9066

Details

The CIELCh color **81, 33.083, 148.599** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 33.234, 332.407**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.446, 151.355**, and **61, 33.063, 148.720** is the 20% darker color. If you saturate the color by 10%, you get **80, 44.945, 147.612**, and if you desaturate by 10%, it is **83, 21.017, 149.453**.

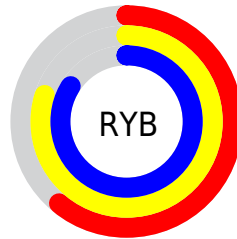
Distribution



Red (61%)

Green (84%)

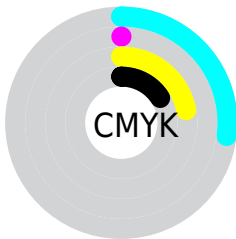
Blue (66%)



Red (61%)

Yellow (80%)

Blue (84%)

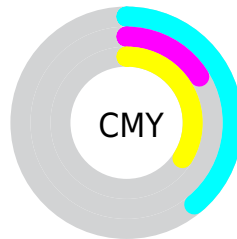


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (16%)



Cyan (39%)


Magenta (16%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 33.083, 148.599 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, 33.083, 148.599 by changing the saturation by 10% instead.


 81, 33.083,
148.599


 81, 33.083,
148.599


 100, 33.083,
148.599


 71, 33.083,
148.599

 61, 33.083,
148.599

 51, 33.083,
148.599

 41, 33.083,
148.599

 31, 33.083,
148.599

 21, 33.083,
148.599

 11, 33.083,

148.599

■ 1, 33.083, 148.599

■ 0, 33.083, 148.599

■ 81, 33.083,
148.599

■ 81, 33.083,
148.599

■ 80, 44.945,
147.612

■ 83, 21.017,
149.453

■ 78, 56.374,
146.472

■ 84, 8.925, 150.205

■ 77, 67.117,
145.169

■ 87, 3.048, 330.692

■ 89, 14.799,
331.325

■ 77, 76.905,
143.706

■ 90, 24.489,
326.267

■ 76, 85.474,

142.110

90, 25.081,
325.298

76, 92.589,
140.444

75, 98.080,
138.824

75, 99.256,
138.468

Harmonies

Complementary

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



81, 33.083, 148.599



71, 33.234, 332.407

Rectangle

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



81, 33.083, 148.599



81, 33.083, 198.599



81, 33.083, 328.599



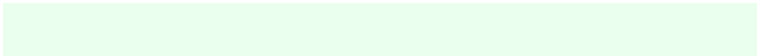
81, 33.083, 18.599

Sweetspot

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



81, 33.085, 148.599



98, 11.018, 150.159



84, 31.023, 116.112



52, 7.839, 150.048



0, 0.000, 0.000



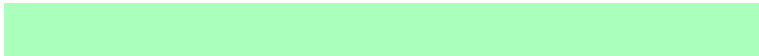
53, 0.007, 296.813

Same Dimension

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



81, 33.085, 148.599



93, 45.605, 148.036



82, 22.689, 173.283



44, 6.792, 150.061



61, 83.109, 138.735



14, 28.953, 144.669

Inverse Universe

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



71, 33.234, 332.407



80, 45.798, 332.811



70, 24.600, 358.929



42, 6.814, 331.205



39, 73.184, 338.292



6, 28.374, 336.036

Previews

White Background



This preview shows how the CIELCh color 81, 33.083, 148.599 looks on a white background.

Color Contrast Check

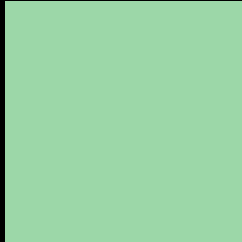
Large Text (above 18pt) WCAG AA × Fail

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, 33.083, 148.599 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, 33.083, 148.599

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.083, 148.599.

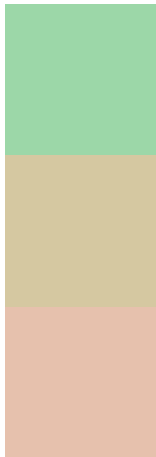


This preview shows how white text looks on a background with the CIELCh color 81, 33.083, 148.599.

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, 33.083, 148.599

Protanopia
81, 21.237, 94.276

Deuteranopia
81, 18.111, 55.786



Tritanopia
81, 16.054, 233.071

Trichromacy



Original Color
81, 33.083, 148.599

Protanomaly
80, 22.202, 121.322

Deuteranomaly
80, 15.874, 105.952

Tritanomaly
81, 16.938, 187.285

Monochromacy



Original Color
81, 33.083, 148.599

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 12.004, 149.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.083, 148.599 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(156, 215, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 215, 168)  
}
```

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(156, 215, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 215, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.083, 148.599 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(156, 215, 168) }
```

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

```
.border{ border-color:rgb(156, 215, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 215, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 215, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 215, 168);  
box-shadow:4px 4px 4px 4px rgb(156, 215,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.083, 148.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 215, 168) }
```

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

```
.background{ background-color: rgb(156,  
215, 168) }
```

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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