

Converting Colors

CIELCh(81, 33.243, 146.202)

Have a look what the booklet for
CIELCh(81, 33.243, 146.202)
contains.

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Color

CIELCh(81, 33.243, 146.202)

Conversions

Conversions Part 1

Format	Color
Hex	9FD7A6
RGB	159, 215, 166
RGB Percent	62%, 84%, 65%
CMY	0.3780, 0.1584, 0.3505
CMYK	0.26, 0.00, 0.23, 0.16
HSL	128°, 41%, 73%
HSV	128°, 26%, 84%
XYZ	45.2709, 58.4711, 44.7956
YIQ	192.6700, -17.6470, -27.1110

Conversions

Conversions Part 2

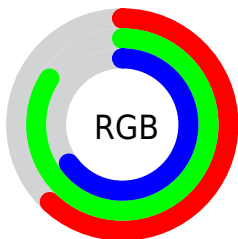
Format	Color
RYB	159, 209, 215
Decimal	10475430
CIELab	81.00, -27.63, 18.49
CIELCh	81, 33.243, 146.202
Yxy	58.4711, 0.3048, 0.3936
Android (android.graphics.Color)	4288665510 (0xFF9FD7A6)
YUV	192.6700, -13.1483, -29.5286
Hunter-Lab	76.4664, -28.1376, 18.7931

Details

The CIELCh color **81, 33.243, 146.202** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 33.308, 329.593**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.548, 147.809**, and **61, 33.247, 146.273** is the 20% darker color. If you saturate the color by 10%, you get **80, 45.827, 145.267**, and if you desaturate by 10%, it is **83, 20.470, 147.009**.

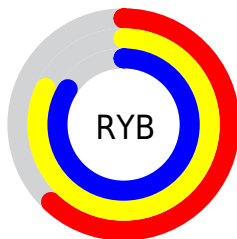
Distribution



Red (62%)

Green (84%)

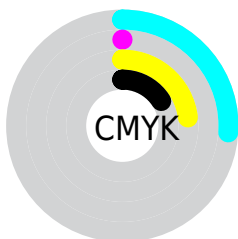
Blue (65%)



Red (62%)

Yellow (82%)

Blue (84%)

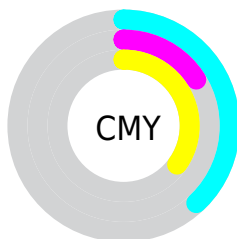


Cyan (26%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (38%)


Magenta (16%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 33.243, 146.202 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, 33.243, 146.202 by changing the saturation by 10% instead.


 81, 33.243,
146.202


 81, 33.243,
146.202


 100, 33.243,
146.202


 71, 33.243,
146.202


 61, 33.243,
146.202

 51, 33.243,
146.202

 41, 33.243,
146.202

 31, 33.243,
146.202

 21, 33.243,
146.202

 11, 33.243,

146.202

■ 1, 33.243, 146.202

■ 0, 33.243, 146.202

■ 81, 33.243,
146.202

■ 81, 33.243,
146.202

■ 80, 45.827,
145.267

■ 83, 20.470,
147.009

■ 78, 57.969,
144.189

■ 85, 7.699, 147.719

■ 77, 69.376,
142.966

■ 87, 4.918, 328.204

■ 76, 79.718,
141.616

■ 89, 17.277,
328.752

■ 76, 88.644,

■ 90, 25.305,
325.306

140.188

■ 75, 95.806,
138.773

■ 75, 100.918,
137.502

■ 75, 102.388,
137.118

Harmonies

Complementary

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



81, 33.243, 146.202



72, 33.308, 329.593

Rectangle

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



81, 33.243, 146.202



81, 33.243, 196.202



81, 33.243, 326.202



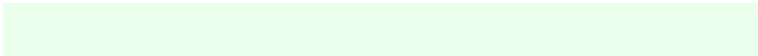
81, 33.243, 16.202

Sweetspot

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



81, 33.245, 146.202



98, 11.654, 147.581



84, 29.233, 112.691



52, 8.292, 147.476



0, 0.000, 0.000



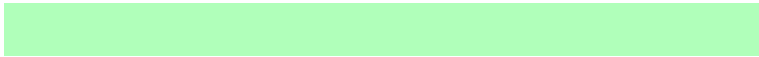
53, 0.007, 296.813

Same Dimension

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



81, 33.245, 146.202



94, 45.384, 145.731



82, 22.907, 167.944



44, 7.184, 147.488



61, 85.985, 137.311



14, 30.169, 143.202

Inverse Universe

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



72, 33.308, 329.593



81, 45.447, 329.912



71, 24.207, 353.106



42, 7.200, 328.574



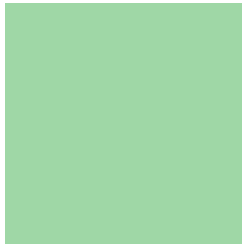
39, 77.655, 333.896



6, 30.067, 332.576

Previews

White Background



This preview shows how the CIELCh color 81, 33.243, 146.202 looks on a white background.

Color Contrast Check

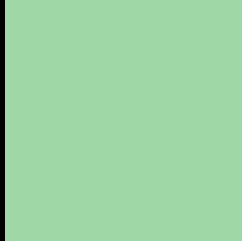
Large Text (above 18pt) WCAG AA × Fail

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, 33.243, 146.202 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, 33.243, 146.202

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.243, 146.202.



This preview shows how white text looks on a background with the CIELCh color 81, 33.243, 146.202.

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

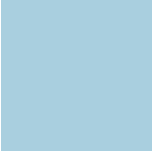
81, 33.243, 146.202

Protanopia

81, 22.261, 94.795

Deuteranopia

81, 19.167, 59.361



Tritanopia
81, 15.032, 233.304

Trichromacy



Original Color
81, 33.243, 146.202

Protanomaly
81, 23.644, 119.480

Deuteranomaly
80, 17.471, 104.771

Tritanomaly
81, 16.325, 183.081

Monochromacy



Original Color
81, 33.243, 146.202

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 12.191, 146.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.243, 146.202 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(159, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 215, 166)  
}
```

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(159, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 215, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.243, 146.202 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(159, 215, 166) }
```

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

```
.border{ border-color:rgb(159, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 215, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 215, 166); box-shadow:4px 4px 4px 4px rgb(159, 215, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.243, 146.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 215, 166) }
```

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

```
.background{ background-color: rgb(159,  
215, 166) }
```

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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