

Converting Colors

CIELCh(81, 30.717, 153.802)

Have a look what the booklet for
CIELCh(81, 30.717, 153.802)
contains.

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Color

CIELCh(81, 30.743, 153.790)

Conversions

Conversions Part 1

Format	Color
Hex	9AD7AF
RGB	154, 215, 175
RGB Percent	60%, 84%, 69%
CMY	0.3966, 0.1574, 0.3143
CMYK	0.28, 0.00, 0.19, 0.16
HSL	141°, 43%, 72%
HSV	141°, 28%, 84%
XYZ	45.2859, 58.4711, 49.3834
YIQ	192.2010, -23.5160, -25.3720

Conversions

Conversions Part 2

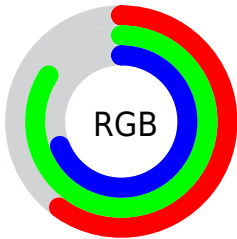
Format	Color
RYB	154, 199, 215
Decimal	10147759
CIELab	81.00, -27.58, 13.58
CIElCh	81, 30.743, 153.790
Yxy	58.4711, 0.2957, 0.3818
Android (android.graphics.Color)	4288337839 (0xFF9AD7AF)
YUV	192.2010, -8.4801, -33.5023
Hunter-Lab	76.4664, -28.1027, 15.2359

Details

The CIELCh color **81, 30.743, 153.790** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 31.185, 338.291**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.043, 160.405**, and **61, 30.993, 153.456** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.318, 152.718**, and if you desaturate by 10%, it is **83, 19.941, 154.727**.

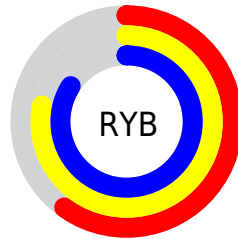
Distribution



Red (60%)

Green (84%)

Blue (69%)



Red (60%)

Yellow (78%)

Blue (84%)

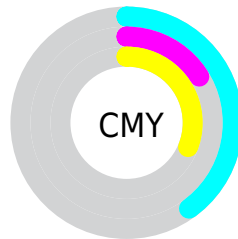


Cyan (28%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.743, 153.790 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, 30.743, 153.790 by changing the saturation by 10% instead.


 81, 30.743,
153.790


 81, 30.743,
153.790


 100, 30.743,
153.790


 71, 30.743,
153.790


 61, 30.743,
153.790

 51, 30.743,
153.790

 41, 30.743,
153.790

 31, 30.743,
153.790

 21, 30.743,
153.790

 11, 30.743,

153.790

■ 1, 30.743, 153.790

■ 0, 30.743, 153.790

■ 81, 30.743,
153.790

■ 81, 30.743,
153.790

■ 80, 41.318,
152.718

■ 83, 19.941,
154.727

■ 78, 51.476,
151.490

■ 84, 9.070, 155.565

■ 77, 61.017,
150.082

■ 86, 1.740, 336.029

■ 77, 69.748,
148.480

■ 88, 12.389,
336.851

■ 76, 77.507,

■ 90, 21.271,
333.048

146.685

90, 25.150,
325.300

76, 84.189,
144.720

75, 89.797,
142.670

75, 90.633,
142.360

Harmonies

Complementary

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



81, 30.743, 153.790



70, 31.185, 338.291

Rectangle

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



81, 30.743, 153.790



81, 30.743, 203.790



81, 30.743, 333.790



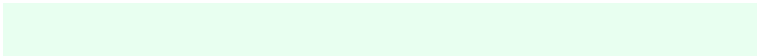
81, 30.743, 23.790

Sweetspot

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



81, 30.745, 153.789



98, 11.184, 155.508



83, 32.733, 121.480



52, 7.777, 155.389



0, 0.000, 0.000



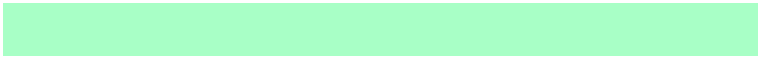
53, 0.007, 296.813

Same Dimension

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



81, 30.745, 153.789



93, 42.181, 153.171



82, 21.554, 183.313



44, 6.123, 155.481



61, 75.791, 142.714



14, 26.596, 148.050

Inverse Universe

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



70, 31.185, 338.291



79, 42.858, 338.812



70, 24.548, 8.892



42, 6.162, 336.770



38, 66.656, 348.123



5, 25.678, 343.731

Previews

White Background



This preview shows how the CIELCh color 81, 30.743, 153.790 looks on a white background.

Color Contrast Check

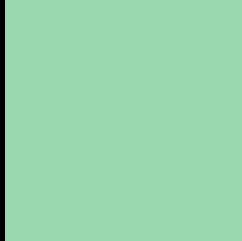
Large Text (above 18pt) WCAG AA × Fail

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, 30.743, 153.790 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, 30.743, 153.790

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.743, 153.790.

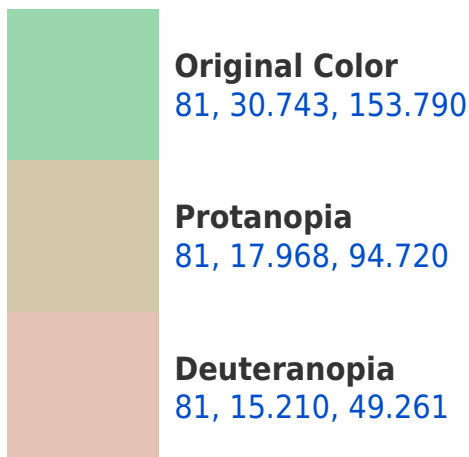


This preview shows how white text looks on a background with the CIELCh color 81, 30.743, 153.790.

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



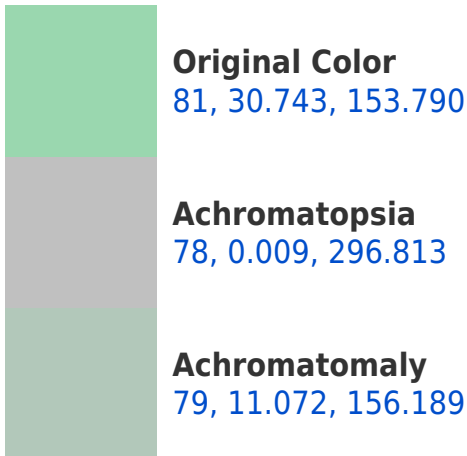


Tritanopia
81, 16.810, 231.249

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.743, 153.790 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(154, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(154, 215, 175)  
}
```

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(154, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 215, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.743, 153.790 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(154, 215, 175) }
```

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

```
.border{ border-color:rgb(154, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(154, 215,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.743, 153.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 215, 175) }
```

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

```
.background{ background-color: rgb(154,  
215, 175) }
```

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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