

Converting Colors

CIELCh(81, 21.261, 176.998)

Have a look what the booklet for
CIELCh(81, 21.261, 176.998)
contains.

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Color

CIELCh(81, 21.446, 175.991)

Conversions

Conversions Part 1

Format	Color
Hex	9CD5C6
RGB	156, 213, 198
RGB Percent	61%, 84%, 78%
CMY	0.3898, 0.1663, 0.2251
CMYK	0.27, 0.00, 0.07, 0.17
HSL	164°, 40%, 72%
HSV	164°, 27%, 83%
XYZ	47.4731, 58.4711, 61.9681
YIQ	194.2470, -29.1570, -16.7490

Conversions

Conversions Part 2

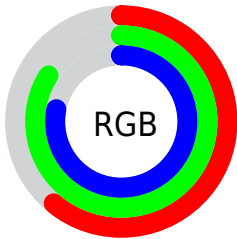
Format	Color
R _{YB}	156, 189, 213
Decimal	10278342
CIE Lab	81.00, -21.39, 1.50
CIE LCh	81, 21.446, 175.991
Yxy	58.4711, 0.2827, 0.3482
Android (android.graphics.Color)	4288468422 (0xFF9CD5C6)
YUV	194.2470, 1.8502, -33.5426
Hunter-Lab	76.4664, -22.9969, 5.4781

Details

The CIELCh color $81, 21.446, 175.991$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $70, 23.465, 1.474$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.367, 198.548$, and $61, 21.423, 175.825$ is the 20% darker color. If you saturate the color by 10%, you get $80, 28.831, 174.876$, and if you desaturate by 10%, it is $82, 13.655, 177.026$.

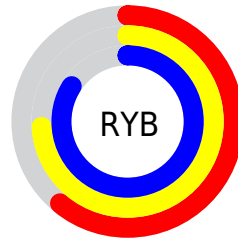
Distribution



Red (61%)

Green (84%)

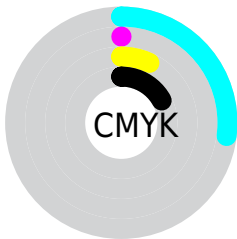
Blue (78%)



Red (61%)

Yellow (74%)

Blue (84%)

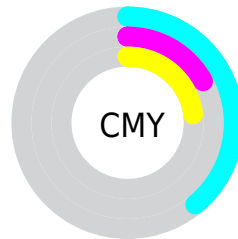


Cyan (27%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (39%)


Magenta (17%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 21.446, 175.991 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, 21.446, 175.991 by changing the saturation by 10% instead.


 81, 21.446,
175.991


 81, 21.446,
175.991


 100, 21.446,
175.991


 71, 21.446,
175.991

 61, 21.446,
175.991

 51, 21.446,
175.991

 41, 21.446,
175.991

 31, 21.446,
175.991

 21, 21.446,
175.991

 11, 21.446,

175.991

■ 1, 21.446, 175.991

■ 0, 21.446, 175.991

■ 81, 21.446,
175.991

■ 81, 21.446,
175.991

■ 80, 28.831,
174.876

■ 82, 13.655,
177.026

■ 79, 35.667,
173.666

■ 84, 5.586, 178.037

■ 78, 41.822,
172.336

■ 86, 2.646, 358.652

■ 88, 10.945,
359.653

■ 77, 47.184,
170.859

■ 89, 16.856,
357.191

■ 77, 51.680,

169.213

89, 18.101,
348.656

76, 55.299,
167.377

89, 19.709,
341.400

76, 58.124,
165.356

89, 21.599,
335.364

76, 58.949,
164.706

90, 23.701,
330.390

Harmonies

Complementary

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



81, 21.446, 175.991



70, 23.465, 1.474

Rectangle

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



81, 21.446, 175.991



81, 21.446, 225.991



81, 21.446, 355.991



81, 21.446, 45.991

Sweetspot

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



81, 21.447, 175.988



98, 7.603, 177.903



81, 33.967, 135.484



52, 5.397, 177.748



0, 0.000, 0.000



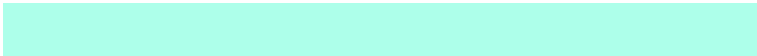
53, 0.007, 296.813

Same Dimension

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



81, 21.447, 175.988



94, 29.351, 175.384



78, 16.009, 225.058



44, 4.677, 177.766



62, 49.836, 165.050



15, 18.384, 169.461

Inverse Universe

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



70, 23.465, 1.474



79, 32.761, 2.261



73, 19.109, 42.661



42, 4.823, 359.401



36, 66.061, 23.997



5, 22.175, 8.042

Previews

White Background



This preview shows how the CIELCh color 81, 21.446, 175.991 looks on a white background.

Color Contrast Check

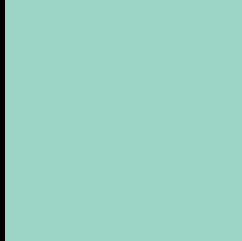
Large Text (above 18pt) WCAG AA × Fail

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, 21.446, 175.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

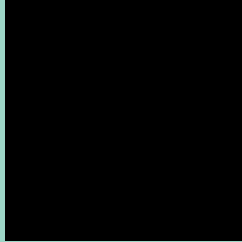
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

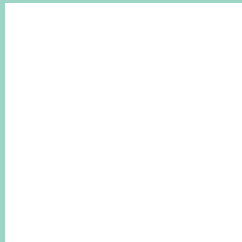
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 21.446, 175.991

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.446, 175.991.

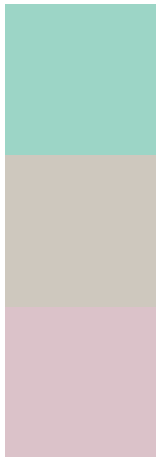


This preview shows how white text looks on a background with the CIELCh color 81, 21.446, 175.991.

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](#).

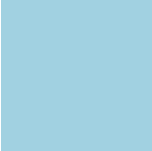
Dichromacy



Original Color
81, 21.446, 175.991

Protanopia
81, 5.736, 86.628

Deuteranopia
81, 9.997, 358.416



Tritanopia
81, 17.618, 227.476

Trichromacy



Original Color
81, 21.446, 175.991

Protanomaly
81, 8.954, 153.514

Deuteranomaly
81, 1.898, 183.302

Tritanomaly
81, 17.186, 207.192

Monochromacy



Original Color
81, 21.446, 175.991

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.274, 176.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.446, 175.991 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, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(156, 213, 198)  
}
```

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, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 213, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.446, 175.991 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, 213, 198) }
```

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

```
.border{ border-color:rgb(156, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(156, 213,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.446, 175.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 213, 198) }
```

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

```
.background{ background-color: rgb(156,  
213, 198) }
```

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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