

Converting Colors

CIELCh(80, 23.895, 138.711)

Have a look what the booklet for
CIELCh(80, 23.895, 138.711)
contains.

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Color

CIELCh(80, 23.985, 138.482)

Conversions

Conversions Part 1

Format	Color
Hex	AFCFA8
RGB	175, 207, 168
RGB Percent	69%, 81%, 66%
CMY	0.3130, 0.1875, 0.3405
CMYK	0.15, 0.00, 0.19, 0.19
HSL	109°, 29%, 74%
HSV	109°, 19%, 81%
XYZ	47.1595, 56.6813, 45.5856
YIQ	192.9860, -6.5530, -18.9130

Conversions

Conversions Part 2

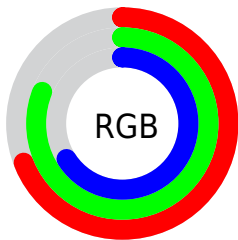
Format	Color
RYB	168, 207, 200
Decimal	11521960
CIELab	80.00, -17.96, 15.90
CIELCh	80, 23.985, 138.482
Yxy	56.6813, 0.3156, 0.3793
Android (android.graphics.Color)	4289712040 (0xFFAFCFA8)
YUV	192.9860, -12.3181, -15.7737
Hunter-Lab	75.2870, -19.9405, 16.8013

Details

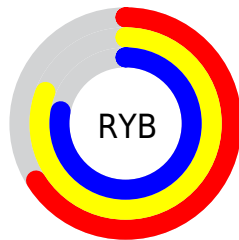
The CIELCh color $80, 23.985, 138.482$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73, 24.180, 320.260$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 18.479, 136.734$, and $60, 24.216, 138.682$ is the 20% darker color. If you saturate the color by 10%, you get $79, 36.745, 137.876$, and if you desaturate by 10%, it is $82, 11.199, 139.027$.

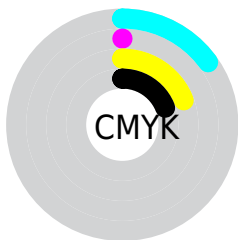
Distribution



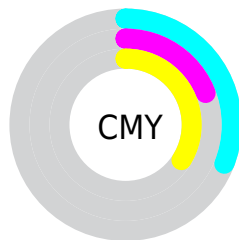
- Red (69%)
- Green (81%)
- Blue (66%)



- Red (66%)
- Yellow (81%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)




- Cyan (31%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.985, 138.482 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 80, 23.985, 138.482 by changing the saturation by 10% instead.


 80, 23.985,
138.482


 80, 23.985,
138.482


 100, 23.985,
138.482


 70, 23.985,
138.482

 60, 23.985,
138.482

 50, 23.985,
138.482

 40, 23.985,
138.482

 30, 23.985,
138.482

 20, 23.985,
138.482

 10, 23.985,

138.482

■ 0, 23.985, 138.482

■ 80, 23.985,
138.482

■ 80, 23.985,
138.482

■ 79, 36.745,
137.876

■ 82, 11.199,
139.027

■ 77, 49.291,
137.207

■ 83, 1.486, 319.324

■ 76, 61.375,
136.498

■ 85, 13.975,
319.857

■ 75, 72.663,
135.795

■ 87, 26.204,
320.207

■ 74, 82.718,
135.176

■ 89, 29.979,
325.468

■ 74, 91.011,
134.760

■ 73, 97.017,
134.674

■ 73, 100.608,
134.929

■ 73, 100.952,
134.950

Harmonies

Complementary

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



80, 23.985, 138.482



73, 24.180, 320.260

Rectangle

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



80, 23.985, 138.482



80, 23.985, 188.482



80, 23.985, 318.482



80, 23.985, 8.482

Sweetspot

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



80, 23.987, 138.483



99, 8.990, 139.171



80, 17.070, 99.249



53, 5.966, 139.136



0, 0.000, 0.000



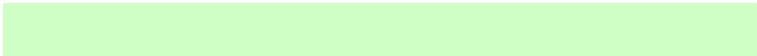
53, 0.007, 296.813

Same Dimension

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



80, 23.987, 138.483



95, 34.704, 138.221



80, 20.241, 153.557



43, 7.254, 138.997



60, 86.341, 134.823



13, 28.901, 138.358

Inverse Universe

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



73, 24.180, 320.260



85, 35.039, 320.463



73, 20.418, 336.293



41, 7.291, 319.824



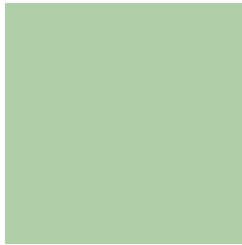
34, 86.009, 321.475



4, 29.520, 320.987

Previews

White Background



This preview shows how the CIELCh color 80, 23.985, 138.482 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 80, 23.985, 138.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

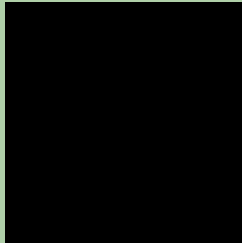
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 23.985, 138.482

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.985, 138.482.

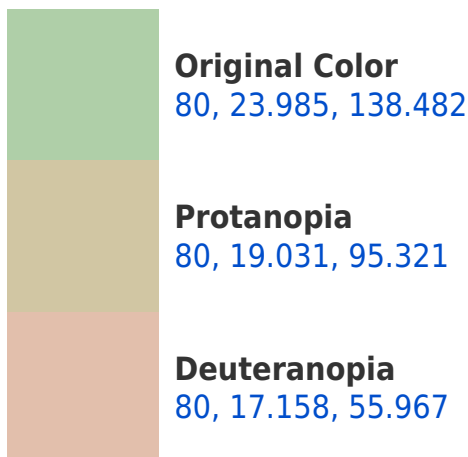


This preview shows how white text looks on a background with the CIELCh color 80, 23.985, 138.482.

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](#).

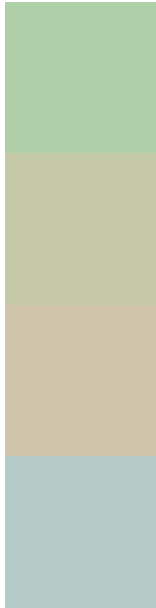
Dichromacy





Tritanopia
80, 10.000, 252.377

Trichromacy



Original Color
80, 23.985, 138.482

Protanomaly
80, 19.094, 113.118

Deuteranomaly
80, 14.435, 91.693

Tritanomaly
80, 8.536, 184.338

Monochromacy



Original Color
80, 23.985, 138.482

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.543, 138.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.985, 138.482 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(175, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(175, 207, 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(175, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 207, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.985, 138.482 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(175, 207, 168) }
```

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

```
.border{ border-color:rgb(175, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(175, 207,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.985, 138.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 207, 168) }
```

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

```
.background{ background-color: rgb(175,  
207, 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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