

Converting Colors

CIELCh(80, 23.166, 181.555)

Have a look what the booklet for
CIELCh(80, 23.166, 181.555)
contains.

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Color

CIELCh(80, 23.134, 181.617)

Conversions

Conversions Part 1

Format	Color
Hex	92D3C7
RGB	146, 211, 199
RGB Percent	57%, 83%, 78%
CMY	0.4283, 0.1734, 0.2205
CMYK	0.31, 0.00, 0.06, 0.17
HSL	169°, 42%, 70%
HSV	169°, 31%, 83%
XYZ	45.3370, 56.6813, 62.4494
YIQ	190.1970, -34.8880, -17.5120

Conversions

Conversions Part 2

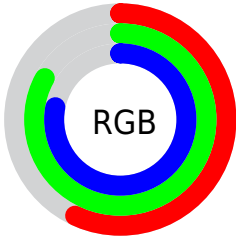
Format	Color
RYB	146, 182, 211
Decimal	9622471
CIELab	80.00, -23.12, -0.65
CIELCh	80, 23.134, 181.617
Yxy	56.6813, 0.2757, 0.3446
Android (android.graphics.Color)	4287812551 (0xFF92D3C7)
YUV	190.1970, 4.3399, -38.7608
Hunter-Lab	75.2870, -24.2614, 3.5207

Details

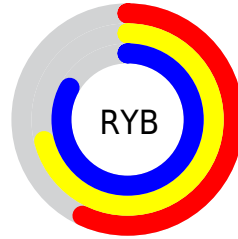
The CIELCh color **80, 23.134, 181.617** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 26.475, 7.876**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **60, 22.977, 181.552** is the 20% darker color. If you saturate the color by 10%, you get **79, 29.749, 180.580**, and if you desaturate by 10%, it is **81, 15.995, 182.593**.

Distribution



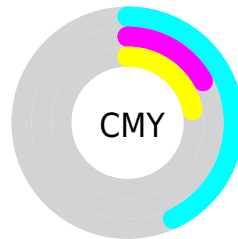
- Red (57%)
- Green (83%)
- Blue (78%)



- Red (57%)
- Yellow (71%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)




- Cyan (43%)
- Magenta (17%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.134, 181.617 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, 23.134, 181.617 by changing the saturation by 10% instead.


 80, 23.134,
181.617

 80, 23.134,
181.617


 100, 23.134,
181.617


 70, 23.134,
181.617

 60, 23.134,
181.617

 50, 23.134,
181.617

 40, 23.134,
181.617

 30, 23.134,
181.617

 20, 23.134,
181.617

 10, 23.134,

181.617

■ 0, 23.134, 181.617

■ 80, 23.134,
181.617

■ 80, 23.134,
181.617

■ 79, 29.749,
180.580

■ 81, 15.995,
182.593

■ 78, 35.707,
179.471

■ 83, 8.462, 183.541

■ 77, 40.889,
178.267

■ 84, 0.657, 185.172

■ 86, 7.314, 5.130

■ 77, 45.209,
176.945

■ 88, 15.364, 5.985

■ 76, 48.628,
175.482

■ 88, 17.235, 0.776

■ 89, 17.935,

■ 76, 51.175,
173.860

354.644

■ 76, 52.918,
172.262

■ 89, 18.833,
349.049

■ 89, 19.903,
344.026

Harmonies

Complementary

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



80, 23.134, 181.617



67, 26.475, 7.876

Rectangle

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



80, 23.134, 181.617



80, 23.134, 231.617



80, 23.134, 1.617



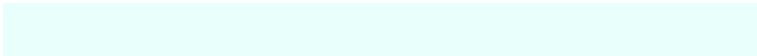
80, 23.134, 51.617

Sweetspot

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



80, 23.135, 181.614



98, 8.223, 183.709



80, 39.584, 137.176



52, 5.703, 183.567



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, 23.135, 181.614



94, 31.803, 180.942



75, 17.950, 234.650



43, 4.411, 183.679



62, 44.592, 172.566



14, 16.313, 176.475

Inverse Universe

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



67, 26.475, 7.876



76, 37.569, 8.917



71, 21.634, 49.735



41, 4.586, 5.233



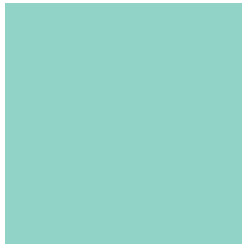
35, 68.518, 30.179



4, 20.181, 10.911

Previews

White Background



This preview shows how the CIELCh color 80, 23.134, 181.617 looks on a white background.

Color Contrast Check

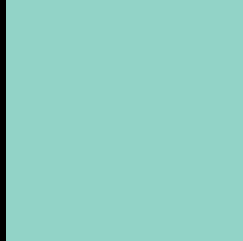
Large Text (above 18pt) WCAG AA × Fail

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, 23.134, 181.617 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

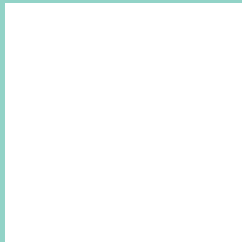
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 23.134, 181.617

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.134, 181.617.

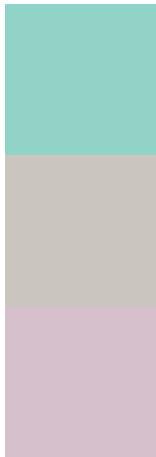


This preview shows how white text looks on a background with the CIELCh color 80, 23.134, 181.617.

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
80, 23.134, 181.617

Protanopia
80, 3.875, 74.611

Deuteranopia
80, 10.019, 344.471

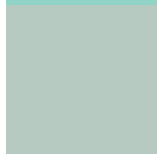


Tritanopia
80, 19.895, 225.555

Trichromacy



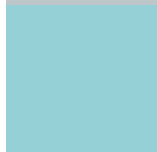
Original Color
80, 23.134, 181.617



Protanomaly
80, 8.466, 168.584



Deuteranomaly
80, 3.736, 215.895



Tritanomaly
80, 19.613, 209.125

Monochromacy



Original Color
80, 23.134, 181.617



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 9.081, 181.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.134, 181.617 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(146, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 199)  
}
```

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(146, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.134, 181.617 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(146, 211, 199) }
```

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

```
.border{ border-color:rgb(146, 211, 199) }
```

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

Here you see how a box with a 4 pixel rgb(146, 211, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.134, 181.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 199) }
```

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

```
.background{ background-color: rgb(146,  
211, 199) }
```

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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