

Converting Colors

CIELCh(82, 23.582, 179.357)

Have a look what the booklet for
CIELCh(82, 23.582, 179.357)
contains.

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Color

CIELCh(82, 23.774, 179.462)

Conversions

Conversions Part 1

Format	Color
Hex	97D9CB
RGB	151, 217, 203
RGB Percent	59%, 85%, 80%
CMY	0.4091, 0.1503, 0.2052
CMYK	0.30, 0.00, 0.06, 0.15
HSL	167°, 46%, 72%
HSV	167°, 30%, 85%
XYZ	48.1697, 60.2982, 65.3946
YIQ	195.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

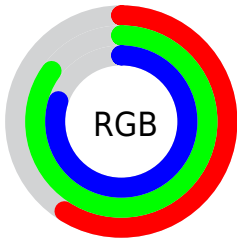
Format	Color
RYB	151, 188, 217
Decimal	9951691
CIELab	82.00, -23.77, 0.22
CIElCh	82, 23.774, 179.462
Yxy	60.2982, 0.2771, 0.3468
Android (android.graphics.Color)	4288141771 (0xFF97D9CB)
YUV	195.6700, 3.6137, -39.1756
Hunter-Lab	77.6519, -25.1622, 4.4252

Details

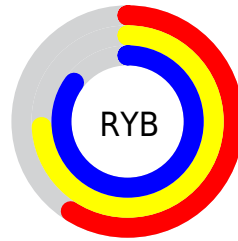
The CIELCh color **82, 23.774, 179.462** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 26.871, 5.757**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **62, 23.944, 179.477** is the 20% darker color. If you saturate the color by 10%, you get **81, 30.734, 178.377**, and if you desaturate by 10%, it is **83, 16.306, 180.475**.

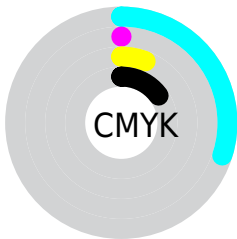
Distribution



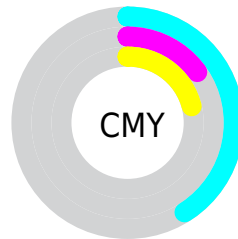
- Red (59%)
- Green (85%)
- Blue (80%)



- Red (59%)
- Yellow (74%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (41%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 23.774, 179.462 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 82, 23.774, 179.462 by changing the saturation by 10% instead.


 82, 23.774,
179.462


 82, 23.774,
179.462


 100, 23.774,
179.462


 72, 23.774,
179.462

 62, 23.774,
179.462

 52, 23.774,
179.462

 42, 23.774,
179.462

 32, 23.774,
179.462

 22, 23.774,
179.462

 12, 23.774,

179.462

■ 2, 23.774, 179.462

■ 0, 23.774, 179.462

■ 82, 23.774,
179.462

■ 82, 23.774,
179.462

■ 81, 30.734,
178.377

■ 83, 16.306,
180.475

■ 80, 37.047,
177.208

■ 85, 8.463, 181.453

■ 79, 42.587,
175.930

■ 86, 0.370, 183.743

■ 88, 7.866, 3.081

■ 78, 47.261,
174.518


■ 90, 14.736, 2.137


■ 78, 51.023,


■ 90, 15.564,


172.951


353.750

 78, 53.898,
171.209

 90, 16.702,
346.379

 78, 55.994,
169.419

 90, 18.089,
340.070

 90, 19.674,
334.747

Harmonies

Complementary

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



82, 23.774, 179.462



69, 26.871, 5.757

Rectangle

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



82, 23.774, 179.462



82, 23.774, 229.462



82, 23.774, 359.462



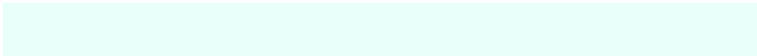
82, 23.774, 49.462

Sweetspot

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



82, 23.775, 179.459



98, 8.327, 181.589



82, 39.780, 136.727



52, 5.776, 181.444



0, 0.000, 0.000



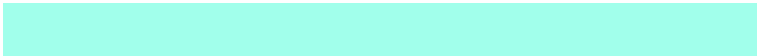
53, 0.007, 296.813

Same Dimension

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



82, 23.775, 179.459



94, 32.375, 178.723



77, 18.129, 232.292



44, 4.556, 181.556



62, 46.698, 169.756



15, 17.441, 173.732

Inverse Universe

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



69, 26.871, 5.757



76, 37.717, 6.843



73, 21.933, 47.936



42, 4.723, 3.152



36, 68.104, 28.179



5, 22.074, 10.334

Previews

White Background



This preview shows how the CIELCh color 82, 23.774, 179.462 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 82, 23.774, 179.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

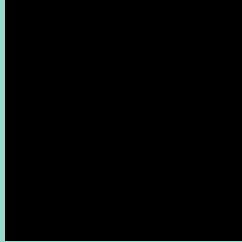
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

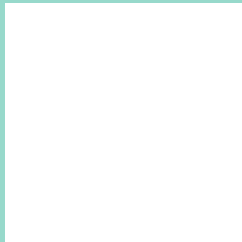
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 23.774, 179.462

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.774, 179.462.

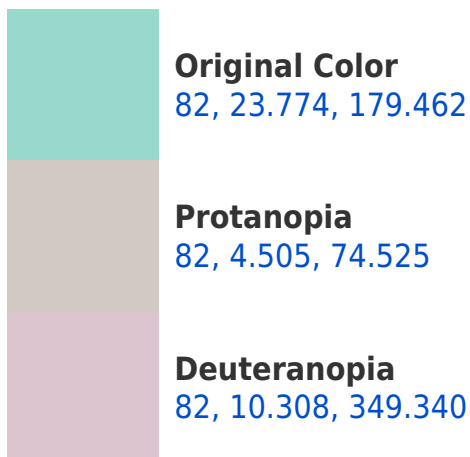


This preview shows how white text looks on a background with the CIELCh color 82, 23.774, 179.462.

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
82, 19.855, 225.473

Trichromacy



Original Color
82, 23.774, 179.462

Protanomaly
82, 8.428, 164.363

Deuteranomaly
81, 3.270, 208.685

Tritanomaly
82, 19.544, 207.531

Monochromacy



Original Color
82, 23.774, 179.462

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 9.043, 181.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.774, 179.462 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(151, 217, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 217, 203)  
}
```

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(151, 217, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 217, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.774, 179.462 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(151, 217, 203) }
```

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

```
.border{ border-color:rgb(151, 217, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 217, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 217, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 217, 203);  
box-shadow:4px 4px 4px 4px rgb(151, 217,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.774, 179.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 217, 203) }
```

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

```
.background{ background-color: rgb(151,  
217, 203) }
```

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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