

Converting Colors

CIELCh(78, 23.725, 184.800)

Have a look what the booklet for
CIELCh(78, 23.725, 184.800)
contains.

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Color

CIELCh(78, 23.948, 184.652)

Conversions

Conversions Part 1

Format	Color
Hex	89CEC4
RGB	137, 206, 196
RGB Percent	54%, 81%, 77%
CMY	0.4642, 0.1937, 0.2329
CMYK	0.34, 0.00, 0.05, 0.19
HSL	171°, 41%, 67%
HSV	171°, 34%, 81%
XYZ	42.1541, 53.2120, 60.0469
YIQ	184.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

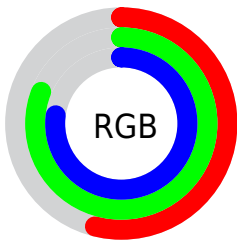
Format	Color
RYB	137, 174, 206
Decimal	9031364
CIELab	78.00, -23.87, -1.94
CIElCh	78, 23.948, 184.652
Yxy	53.2120, 0.2712, 0.3424
Android (android.graphics.Color)	4287221444 (0xFF89CEC4)
YUV	184.2290, 5.8031, -41.4198
Hunter-Lab	72.9466, -24.5055, 2.2572

Details

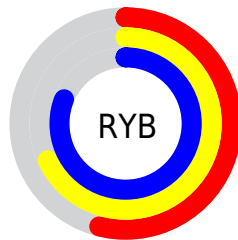
The CIELCh color **78, 23.948, 184.652** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 28.266, 11.304**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.345, 195.251**, and **58, 23.923, 184.759** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.036, 183.693**, and if you desaturate by 10%, it is **79, 17.280, 185.564**.

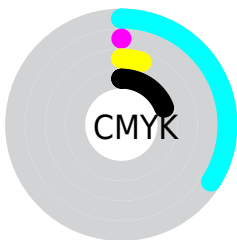
Distribution



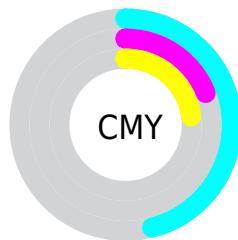
- Red (54%)
- Green (81%)
- Blue (77%)



- Red (54%)
- Yellow (68%)
- Blue (81%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (46%)
- Magenta (19%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 23.948, 184.652 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 78, 23.948, 184.652 by changing the saturation by 10% instead.


 78, 23.948,
184.652


 78, 23.948,
184.652


 100, 23.948,
184.652


 68, 23.948,
184.652


 98, 23.948,
184.652

 58, 23.948,
184.652

 48, 23.948,
184.652

 38, 23.948,
184.652

 28, 23.948,
184.652

 18, 23.948,
184.652

 8, 23.948, 184.652

■ 0, 23.948, 184.652

■ 78, 23.948,
184.652

■ 78, 23.948,
184.652

■ 77, 30.036,
183.693

■ 79, 17.280,
185.564

■ 76, 35.419,
182.679

■ 81, 10.158,
186.456

■ 75, 39.992,
181.590

■ 82, 2.704, 187.444

■ 84, 4.972, 7.956

■ 75, 43.688,
180.405

■ 86, 12.778, 8.819

■ 75, 46.488,
179.101

■ 87, 18.781, 8.291

■ 74, 48.444,
177.663

■ 87, 19.084, 3.719

■ 74, 49.402,
176.690

■ 87, 19.511,
359.324

■ 87, 20.054,
355.149

Harmonies

Complementary

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



78, 23.948, 184.652



64, 28.266, 11.304

Rectangle

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



78, 23.948, 184.652



78, 23.948, 234.652



78, 23.948, 4.652



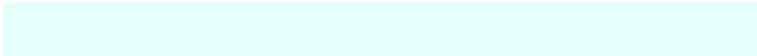
78, 23.948, 54.652

Sweetspot

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



78, 23.949, 184.649



98, 8.979, 186.765



77, 42.845, 138.356



52, 6.111, 186.636



0, 0.000, 0.000



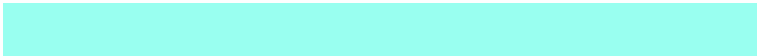
53, 0.007, 296.813

Same Dimension

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



78, 23.949, 184.649



94, 33.223, 183.990



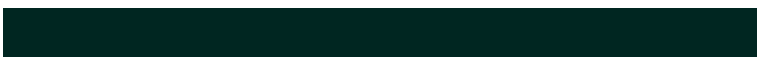
72, 19.259, 241.993



42, 4.254, 186.833



61, 41.974, 176.945



13, 15.084, 180.500

Inverse Universe

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



64, 28.266, 11.304



74, 40.745, 12.467



70, 23.094, 55.056



40, 4.442, 8.305



34, 69.502, 32.833



4, 18.079, 12.304

Previews

White Background



This preview shows how the CIELCh color 78, 23.948, 184.652 looks on a white background.

Color Contrast Check

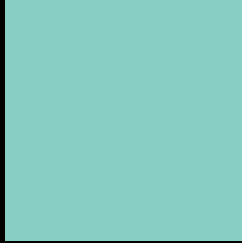
Large Text (above 18pt) WCAG AA × Fail

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 78, 23.948, 184.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

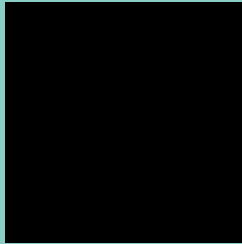
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

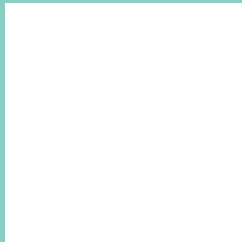
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 23.948, 184.652

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.948, 184.652.

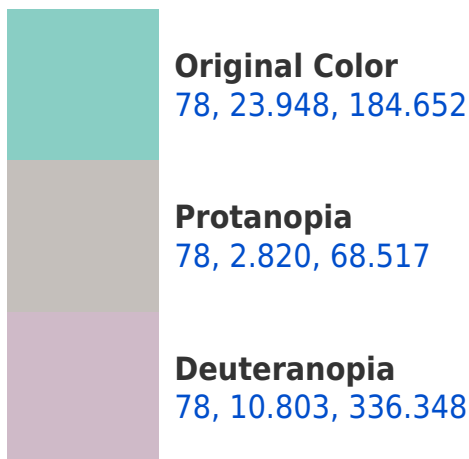


This preview shows how white text looks on a background with the CIELCh color 78, 23.948, 184.652.

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
78, 20.781, 222.699

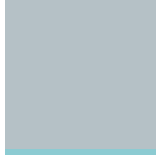
Trichromacy



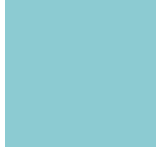
Original Color
78, 23.948, 184.652



Protanomaly
77, 8.639, 176.901



Deuteranomaly
77, 5.025, 231.541

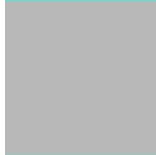


Tritanomaly
78, 20.777, 208.450

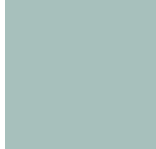
Monochromacy



Original Color
78, 23.948, 184.652



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 9.296, 185.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.948, 184.652 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(137, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(137, 206, 196)  
}
```

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(137, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 206, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.948, 184.652 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(137, 206, 196) }
```

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

```
.border{ border-color:rgb(137, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(137, 206,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.948, 184.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 206, 196) }
```

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

```
.background{ background-color: rgb(137,  
206, 196) }
```

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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