

Converting Colors

CIELCh(85, 24.352, 179.141)

Have a look what the booklet for
CIELCh(85, 24.352, 179.141)
contains.

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Color

CIELCh(85, 23.957, 179.770)

Conversions

Conversions Part 1

Format	Color
Hex	9EE1D3
RGB	158, 225, 211
RGB Percent	62%, 88%, 83%
CMY	0.3794, 0.1166, 0.1715
CMYK	0.30, 0.00, 0.06, 0.12
HSL	167°, 53%, 75%
HSV	167°, 30%, 88%
XYZ	52.9399, 66.0070, 71.7514
YIQ	203.3710, -35.4380, -18.5580

Conversions

Conversions Part 2

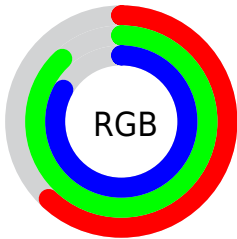
Format	Color
RYB	158, 195, 225
Decimal	10412499
CIELab	85.00, -23.96, 0.10
CIELCh	85, 23.957, 179.770
Yxy	66.0070, 0.2776, 0.3461
Android (android.graphics.Color)	4288602579 (0xFF9EE1D3)
YUV	203.3710, 3.7611, -39.7904
Hunter-Lab	81.2447, -25.8657, 4.5092

Details

The CIELCh color **85, 23.957, 179.770** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 27.034, 5.894**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **65, 23.631, 180.893** is the 20% darker color. If you saturate the color by 10%, you get **84, 31.158, 178.692**, and if you desaturate by 10%, it is **86, 16.238, 180.778**.

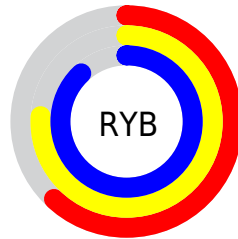
Distribution



Red (62%)

Green (88%)

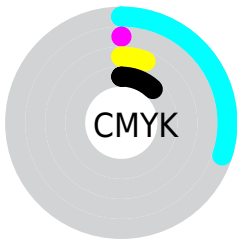
Blue (83%)



Red (62%)

Yellow (76%)

Blue (88%)

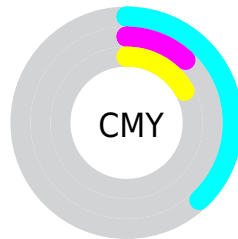


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (12%)



Cyan (38%)


Magenta (12%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.957, 179.770 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 85, 23.957, 179.770 by changing the saturation by 10% instead.


 85, 23.957,
179.770


 85, 23.957,
179.770


 100, 23.957,
179.770


 75, 23.957,
179.770

 65, 23.957,
179.770

 55, 23.957,
179.770

 45, 23.957,
179.770

 35, 23.957,
179.770

 25, 23.957,
179.770

 15, 23.957,

179.770

■ 5, 23.957, 179.770

■ 0, 23.957, 179.770

■ 85, 23.957,
179.770

■ 85, 23.957,
179.770

■ 84, 31.158,
178.692

■ 86, 16.238,
180.778

■ 83, 37.694,
177.532

■ 88, 8.137, 181.756

■ 82, 43.436,
176.266

■ 90, 0.218, 0.041

■ 92, 8.716, 3.379

■ 81, 48.285,
174.869

■ 92, 11.791,
355.618

■ 81, 52.190,

173.317

92, 12.943,
345.763

81, 55.173,
171.593

92, 14.423,
337.757

80, 57.411,
169.722

93, 16.140,
331.382

80, 57.465,
169.675

93, 18.026,
326.325

Harmonies

Complementary

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



85, 23.957, 179.770



72, 27.034, 5.894

Rectangle

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



85, 23.957, 179.770



85, 23.957, 229.770



85, 23.957, 359.770



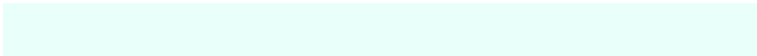
85, 23.957, 49.770

Sweetspot

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



85, 23.958, 179.767



98, 8.314, 181.823



85, 40.106, 136.767



52, 5.767, 181.679



0, 0.000, 0.000



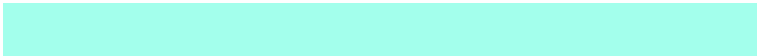
53, 0.007, 296.813

Same Dimension

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



85, 23.958, 179.767



94, 31.526, 179.077



80, 18.312, 232.209



46, 4.727, 181.786



64, 47.568, 170.014



17, 18.718, 173.518

Inverse Universe

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



72, 27.034, 5.894



77, 36.618, 6.905



76, 22.053, 47.960



44, 4.902, 3.389



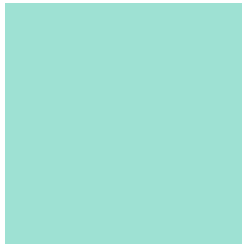
37, 69.817, 28.552



6, 25.280, 12.087

Previews

White Background



This preview shows how the CIE LCh color 85, 23.957, 179.770 looks on a white background.

Color Contrast Check

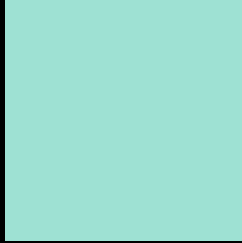
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.957, 179.770 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

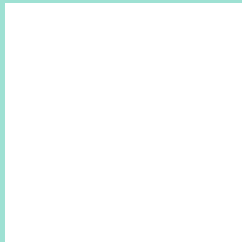
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 23.957, 179.770

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.957, 179.770.

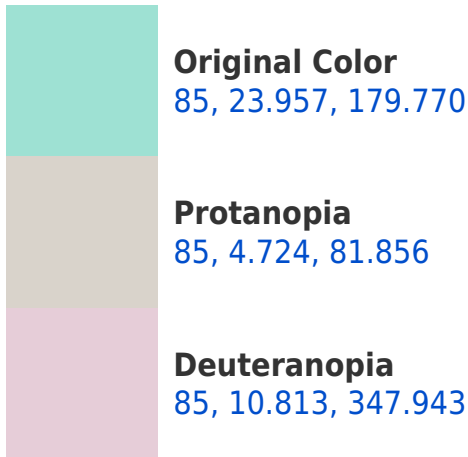



This preview shows how white text looks on a background with the CIELCh color 85, 23.957, 179.770.

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



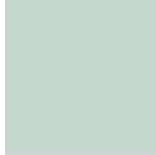


Tritanopia
85, 20.239, 226.422

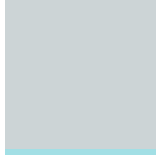
Trichromacy



Original Color
85, 23.957, 179.770



Protanomaly
85, 8.969, 162.925



Deuteranomaly
84, 3.027, 219.783

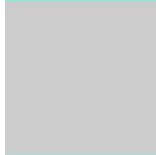


Tritanomaly
85, 20.059, 207.219

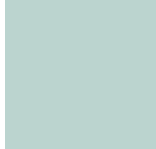
Monochromacy



Original Color
85, 23.957, 179.770



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.306, 182.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.957, 179.770 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(158, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(158, 225, 211)  
}
```

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(158, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 225, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.957, 179.770 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(158, 225, 211) }
```

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

```
.border{ border-color:rgb(158, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(158, 225,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.957, 179.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 225, 211) }
```

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

```
.background{ background-color: rgb(158,  
225, 211) }
```

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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