

Converting Colors

CIELCh(85, 22.714, 188.001)

Have a look what the booklet for
CIELCh(85, 22.714, 188.001)
contains.

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Color

CIELCh(85, 22.829, 187.157)

Conversions

Conversions Part 1

Format	Color
Hex	9EE1D9
RGB	158, 225, 217
RGB Percent	62%, 88%, 85%
CMY	0.3811, 0.1183, 0.1497
CMYK	0.30, 0.00, 0.04, 0.12
HSL	173°, 53%, 75%
HSV	173°, 30%, 88%
XYZ	53.4456, 66.0070, 75.4499
YIQ	204.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

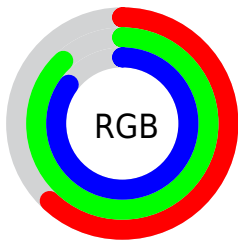
Format	Color
RYB	158, 194, 225
Decimal	10412505
CIELab	85.00, -22.65, -2.84
CIElCh	85, 22.829, 187.157
Yxy	66.0070, 0.2742, 0.3387
Android (android.graphics.Color)	4288602585 (0xFF9EE1D9)
YUV	204.0550, 6.3819, -40.3902
Hunter-Lab	81.2447, -24.7547, 1.8102

Details

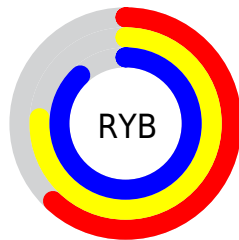
The CIELCh color **85, 22.829, 187.157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 26.702, 12.727**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **65, 23.068, 186.270** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.471, 186.278**, and if you desaturate by 10%, it is **86, 15.587, 188.007**.

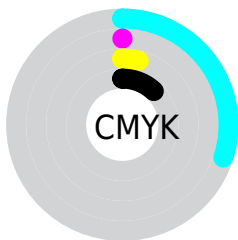
Distribution



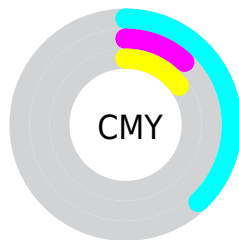
- Red (62%)
- Green (88%)
- Blue (85%)



- Red (62%)
- Yellow (76%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)




- Cyan (38%)
- Magenta (12%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 22.829, 187.157 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, 22.829, 187.157 by changing the saturation by 10% instead.


 85, 22.829,
187.157


 85, 22.829,
187.157


 100, 22.829,
187.157


 75, 22.829,
187.157

 65, 22.829,
187.157

 55, 22.829,
187.157

 45, 22.829,
187.157

 35, 22.829,
187.157

 25, 22.829,
187.157

 15, 22.829,

187.157

■ 5, 22.829, 187.157

■ 0, 22.829, 187.157

■ 85, 22.829,
187.157

■ 85, 22.829,
187.157

■ 84, 29.471,
186.278

■ 86, 15.587,
188.007

■ 83, 35.374,
185.366

■ 88, 7.878, 188.863

■ 82, 40.421,
184.402

■ 90, 0.167, 6.124

■ 91, 8.436, 10.310

■ 82, 44.524,
183.369


■ 92, 11.296, 5.880


■ 81, 47.649,


■ 92, 11.678,


182.247


359.274


 81, 49.826,
181.016

 92, 12.209,
353.173

 81, 51.243,
179.682

 92, 12.870,
347.649

 81, 51.269,
179.656

 92, 13.642,
342.718

Harmonies

Complementary

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



85, 22.829, 187.157



72, 26.702, 12.727

Rectangle

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



85, 22.829, 187.157



85, 22.829, 237.157



85, 22.829, 7.157



85, 22.829, 57.157

Sweetspot

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



85, 22.830, 187.154



98, 8.024, 188.929



84, 41.177, 139.047



52, 5.561, 188.799



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, 22.830, 187.154



94, 29.908, 186.592



79, 18.690, 243.635



46, 4.561, 188.895



64, 42.591, 179.893



17, 17.111, 182.318

Inverse Universe

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



72, 26.702, 12.727



76, 36.335, 13.715



77, 21.755, 57.173



44, 4.778, 10.324



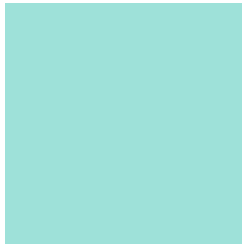
37, 74.036, 34.621



6, 25.324, 15.899

Previews

White Background



This preview shows how the CIE LCh color 85, 22.829, 187.157 looks on a white background.

Color Contrast Check

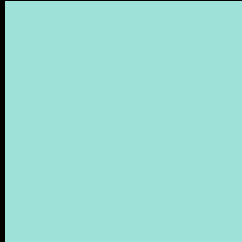
Large Text (above 18pt) WCAG AA × Fail

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, 22.829, 187.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

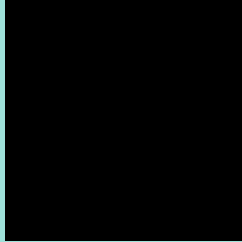
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

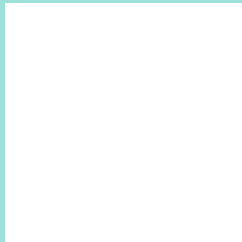
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 22.829, 187.157

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.829, 187.157.

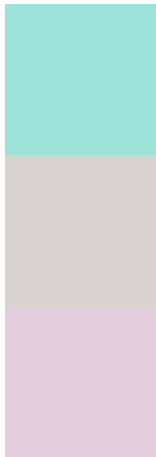


This preview shows how white text looks on a background with the CIELCh color 85, 22.829, 187.157.

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
85, 22.829, 187.157

Protanopia
85, 2.243, 32.831

Deuteranopia
85, 11.862, 335.126

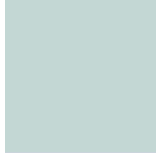


Tritanopia
85, 20.492, 226.032

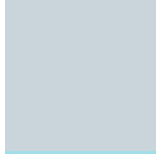
Trichromacy



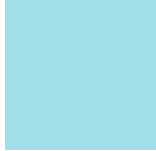
Original Color
85, 22.829, 187.157



Protanomaly
84, 7.296, 186.429



Deuteranomaly
84, 5.053, 246.278

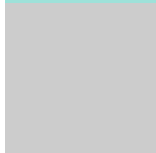


Tritanomaly
85, 20.185, 211.802

Monochromacy



Original Color
85, 22.829, 187.157



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 9.008, 188.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.829, 187.157 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(158, 225, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 225, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.829, 187.157 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, 217) }
```

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

```
.border{ border-color:rgb(158, 225, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(158, 225,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.829, 187.157 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, 217) }
```

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

```
.background{ background-color: rgb(158,  
225, 217) }
```

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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