

Converting Colors

CIELCh(86, 12.175, 186.123)

Have a look what the booklet for
CIELCh(86, 12.175, 186.123)
contains.

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Color

CIELCh(86, 12.184, 186.117)

Conversions

Conversions Part 1

Format	Color
Hex	BCDED9
RGB	188, 222, 217
RGB Percent	74%, 87%, 85%
CMY	0.2625, 0.1292, 0.1488
CMYK	0.15, 0.00, 0.02, 0.13
HSL	171°, 34%, 80%
HSV	171°, 15%, 87%
XYZ	59.4238, 67.9871, 75.6781
YIQ	211.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

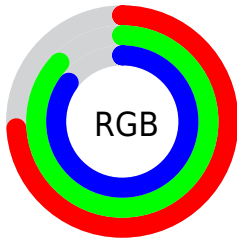
Format	Color
RYB	188, 206, 222
Decimal	12377817
CIELab	86.00, -12.11, -1.30
CIELCh	86, 12.184, 186.117
Yxy	67.9871, 0.2926, 0.3348
Android (android.graphics.Color)	4290567897 (0xFFBCDED9)
YUV	211.2640, 2.8278, -20.4025
Hunter-Lab	82.4543, -15.6523, 3.3006

Details

The CIELCh color **86, 12.184, 186.117** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 13.082, 8.768**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **66, 12.390, 185.388** is the 20% darker color. If you saturate the color by 10%, you get **85, 19.697, 185.208**, and if you desaturate by 10%, it is **88, 4.298, 187.050**.

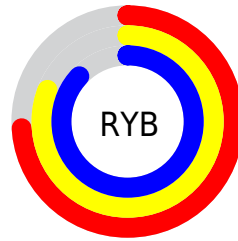
Distribution



Red (74%)

Green (87%)

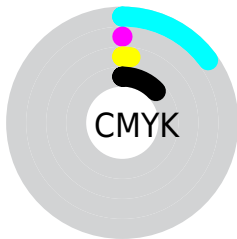
Blue (85%)



Red (74%)

Yellow (81%)

Blue (87%)

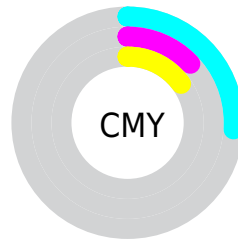


Cyan (15%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.184, 186.117 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 86, 12.184, 186.117 by changing the saturation by 10% instead.


 86, 12.184,
186.117


 86, 12.184,
186.117


 100, 12.184,
186.117


 76, 12.184,
186.117


 66, 12.184,
186.117

 56, 12.184,
186.117

 46, 12.184,
186.117

 36, 12.184,
186.117

 26, 12.184,
186.117

 16, 12.184,

186.117

■ 6, 12.184, 186.117

■ 0, 12.184, 186.117

■ 86, 12.184,
186.117

■ 86, 12.184,
186.117

■ 85, 19.697,
185.208

■ 88, 4.298, 187.050

■ 83, 26.701,
184.277

■ 89, 3.845, 7.599

■ 91, 12.141, 8.506

■ 82, 33.059,
183.300

■ 91, 12.650, 1.117

■ 81, 38.640,
182.260


■ 91, 13.253,
354.184


■ 81, 43.339,

■ 92, 14.039,


181.139


347.953


 80, 47.090,
179.913


 92, 14.977,
342.457

 80, 49.890,
178.563

 92, 16.042,
337.667

 80, 51.813,
177.073

 92, 17.210,
333.518

 80, 52.529,
176.349

Harmonies

Complementary

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



86, 12.184, 186.117



79, 13.082, 8.768

Rectangle

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



86, 12.184, 186.117



86, 12.184, 236.117



86, 12.184, 6.117



86, 12.184, 56.117

Sweetspot

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



86, 12.185, 186.110



99, 4.527, 187.080



86, 20.807, 139.516



53, 3.085, 187.003



0, 0.000, 0.000



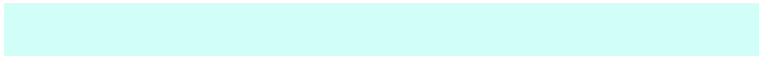
53, 0.007, 296.813

Same Dimension

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



86, 12.185, 186.110



97, 15.933, 185.857



83, 9.744, 239.376



46, 4.605, 186.642



64, 44.023, 176.611



17, 17.573, 179.432

Inverse Universe

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



79, 13.082, 8.768



88, 17.345, 9.088



82, 10.513, 56.425



44, 4.808, 8.141



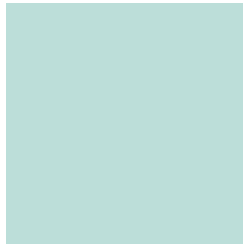
37, 72.717, 32.938



6, 25.299, 14.721

Previews

White Background



This preview shows how the CIELCh color 86, 12.184, 186.117 looks on a white background.

Color Contrast Check

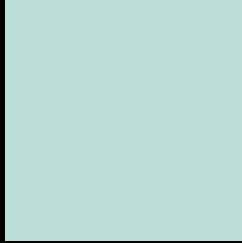
Large Text (above 18pt) WCAG AA × Fail

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 86, 12.184, 186.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

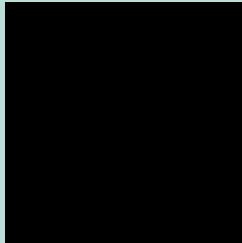
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

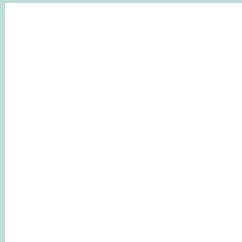
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.184, 186.117

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.184, 186.117.

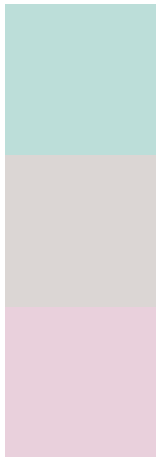


This preview shows how white text looks on a background with the CIELCh color 86, 12.184, 186.117.

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
86, 12.184, 186.117

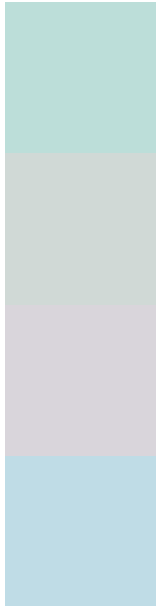
Protanopia
86, 2.085, 49.337

Deuteranopia
86, 11.065, 345.625



Tritanopia
86, 12.897, 246.278

Trichromacy



Original Color
86, 12.184, 186.117

Protanomaly
86, 3.606, 173.454

Deuteranomaly
86, 3.486, 314.729

Tritanomaly
86, 11.049, 227.308

Monochromacy



Original Color
86, 12.184, 186.117

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.428, 185.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.184, 186.117 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(188, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(188, 222, 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(188, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 222, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.184, 186.117 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(188, 222, 217) }
```

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

```
.border{ border-color:rgb(188, 222, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 222, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(188, 222,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.184, 186.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 222, 217) }
```

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

```
.background{ background-color: rgb(188,  
222, 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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