

Converting Colors

CIELCh(84, 25.324, 158.281)

Have a look what the booklet for
CIELCh(84, 25.324, 158.281)
contains.

CIELCh(84, 25.687, 158.238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 25.687, 158.238)

Conversions

Conversions Part 1

Format	Color
Hex	A7DEBF
RGB	167, 222, 191
RGB Percent	65%, 87%, 75%
CMY	0.3459, 0.1303, 0.2518
CMYK	0.25, 0.00, 0.14, 0.13
HSL	146°, 45%, 76%
HSV	146°, 25%, 87%
XYZ	51.3312, 64.0658, 58.8242
YIQ	202.0210, -22.8290, -21.3010

Conversions

Conversions Part 2

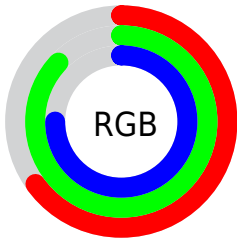
Format	Color
RYB	167, 205, 222
Decimal	11001535
CIELab	84.00, -23.86, 9.52
CIELCh	84, 25.687, 158.238
Yxy	64.0658, 0.2946, 0.3677
Android (android.graphics.Color)	4289191615 (0xFFA7DEBF)
YUV	202.0210, -5.4334, -30.7134
Hunter-Lab	80.0411, -25.5979, 12.4551

Details

The CIELCh color $84, 25.687, 158.238$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $74, 26.266, 342.455$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.789, 178.398$, and $64, 25.676, 158.361$ is the 20% darker color. If you saturate the color by 10%, you get $83, 35.821, 157.164$, and if you desaturate by 10%, it is $86, 15.354, 159.191$.

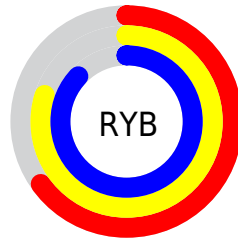
Distribution



Red (65%)

Green (87%)

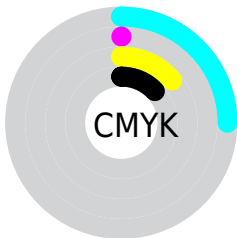
Blue (75%)



Red (65%)

Yellow (80%)

Blue (87%)

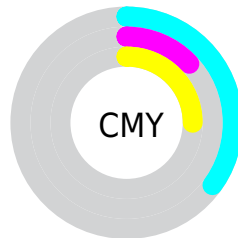


Cyan (25%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.687, 158.238 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 84, 25.687, 158.238 by changing the saturation by 10% instead.


 84, 25.687,
158.238

 84, 25.687,
158.238


 100, 25.687,
158.238


 74, 25.687,
158.238

 64, 25.687,
158.238

 54, 25.687,
158.238

 44, 25.687,
158.238

 34, 25.687,
158.238


 24, 25.687,
158.238


 14, 25.687,


158.238


 4, 25.687, 158.238


 0, 25.687, 158.238

 84, 25.687,
158.238


 84, 25.687,
158.238

 83, 35.821,
157.164


 86, 15.354,
159.191


 81, 45.581,
155.947

 87, 4.962, 160.087


 80, 54.789,
154.558

 89, 5.370, 340.679

 79, 63.268,
152.977

 92, 15.417,
340.976

 79, 70.871,

 92, 20.073,
326.580

151.187

92, 20.791,
325.148

78, 77.512,
149.191

78, 83.185,
147.016

78, 85.849,
145.879

Harmonies

Complementary

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



84, 25.687, 158.238



74, 26.266, 342.455

Rectangle

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



84, 25.687, 158.238



84, 25.687, 208.238



84, 25.687, 338.238



84, 25.687, 28.238

Sweetspot

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



84, 25.689, 158.237



98, 8.120, 159.879



85, 29.993, 125.499



52, 5.277, 159.825



0, 0.000, 0.000



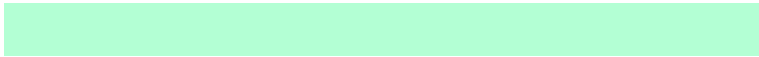
53, 0.007, 296.813

Same Dimension

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



84, 25.689, 158.237



94, 34.707, 157.670



85, 18.690, 192.162



45, 5.832, 159.669



62, 70.825, 146.282



15, 25.797, 151.001

Inverse Universe

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



74, 26.266, 342.455



81, 35.637, 342.990



74, 21.613, 16.149



43, 5.888, 341.076



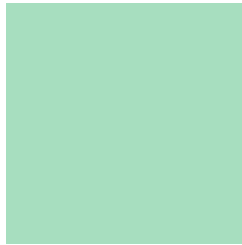
37, 64.556, 355.922



6, 25.820, 349.952

Previews

White Background



This preview shows how the CIELCh color 84, 25.687, 158.238 looks on a white background.

Color Contrast Check

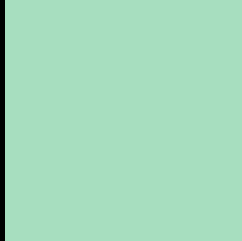
Large Text (above 18pt) WCAG AA × Fail

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 84, 25.687, 158.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

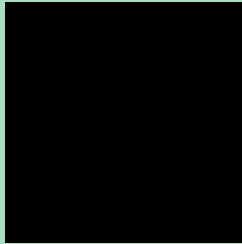
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

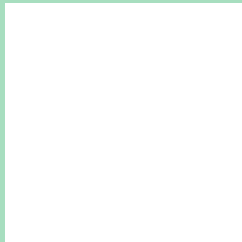
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 25.687, 158.238

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.687, 158.238.

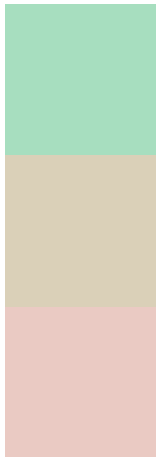


This preview shows how white text looks on a background with the CIELCh color 84, 25.687, 158.238.

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
84, 25.687, 158.238

Protanopia
84, 13.164, 92.202

Deuteranopia
84, 12.698, 36.987

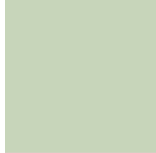


Tritanopia
84, 15.978, 232.959

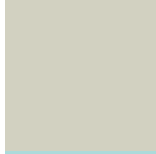
Trichromacy



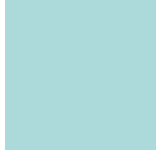
Original Color
84, 25.687, 158.238



Protanomaly
84, 15.146, 129.163



Deuteranomaly
84, 8.413, 106.894

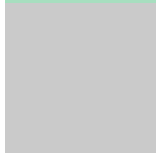


Tritanomaly
84, 15.628, 198.340

Monochromacy



Original Color
84, 25.687, 158.238



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 9.360, 160.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.687, 158.238 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(167, 222, 191)` looks like.

```
.text, #text, p{  
    color:rgb(167, 222, 191)  
}
```

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(167, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 222, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.687, 158.238 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(167, 222, 191) }
```

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

```
.border{ border-color:rgb(167, 222, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 222, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 222, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 222, 191);  
box-shadow:4px 4px 4px 4px rgb(167, 222,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.687, 158.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 222, 191) }
```

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

```
.background{ background-color: rgb(167,  
222, 191) }
```

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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