

Converting Colors

CIELCh(84, 22.817, 164.763)

Have a look what the booklet for
CIELCh(84, 22.817, 164.763)
contains.

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Color

CIELCh(84, 23.036, 164.486)

Conversions

Conversions Part 1

Format	Color
Hex	A7DDC5
RGB	167, 221, 197
RGB Percent	65%, 87%, 77%
CMY	0.3445, 0.1327, 0.2268
CMYK	0.24, 0.00, 0.11, 0.13
HSL	153°, 44%, 76%
HSV	153°, 24%, 87%
XYZ	51.9615, 64.0658, 62.5422
YIQ	202.1180, -24.4800, -18.9120

Conversions

Conversions Part 2

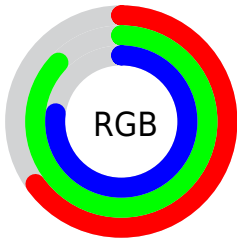
Format	Color
RYB	167, 202, 221
Decimal	11001285
CIELab	84.00, -22.20, 6.16
CIElCh	84, 23.036, 164.486
Yxy	64.0658, 0.2910, 0.3588
Android (android.graphics.Color)	4289191365 (0xFFA7DDC5)
YUV	202.1180, -2.5232, -30.7985
Hunter-Lab	80.0411, -24.1924, 9.7010

Details

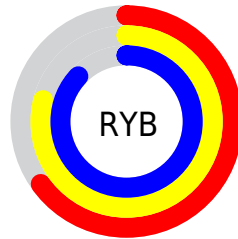
The CIELCh color $84, 23.036, 164.486$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 23.968, 349.083$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 10.869, 196.076$, and $64, 23.224, 163.917$ is the 20% darker color. If you saturate the color by 10%, you get $83, 32.144, 163.364$, and if you desaturate by 10%, it is $86, 13.675, 165.500$.

Distribution



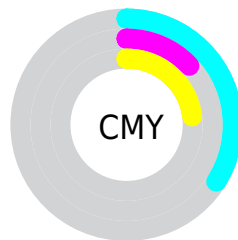
- Red (65%)
- Green (87%)
- Blue (77%)



- Red (65%)
- Yellow (79%)
- Blue (87%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (34%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.036, 164.486 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, 23.036, 164.486 by changing the saturation by 10% instead.

 84, 23.036,
164.486

 84, 23.036,
164.486


 100, 23.036,
164.486

 74, 23.036,
164.486

 64, 23.036,
164.486

 54, 23.036,
164.486

 44, 23.036,
164.486

 34, 23.036,
164.486

 24, 23.036,
164.486


 14, 23.036,


164.486


 4, 23.036, 164.486


 0, 23.036, 164.486

 84, 23.036,
164.486


 84, 23.036,
164.486

 83, 32.144,
163.364


 86, 13.675,
165.500

 81, 40.839,
162.112

 87, 4.193, 166.486

 80, 48.963,
160.702

 89, 5.296, 347.121

 80, 56.363,
159.109

 91, 14.514,
347.446

 79, 62.924,

 92, 17.713,
333.462

157.311

92, 21.179,
325.161

78, 68.588,
155.299

78, 73.382,
153.082

78, 75.793,
151.817

Harmonies

Complementary

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



84, 23.036, 164.486



74, 23.968, 349.083

Rectangle

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



84, 23.036, 164.486



84, 23.036, 214.486



84, 23.036, 344.486



84, 23.036, 34.486

Sweetspot

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



84, 23.038, 164.484



99, 7.457, 166.213



85, 30.329, 129.695



52, 4.845, 166.154



0, 0.000, 0.000



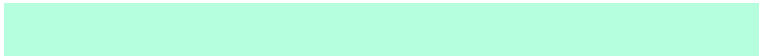
53, 0.007, 296.813

Same Dimension

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



84, 23.038, 164.484



95, 30.577, 163.960



84, 17.197, 203.030



45, 5.351, 165.983



62, 62.700, 152.229



16, 23.057, 156.979

Inverse Universe

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



74, 23.968, 349.083



81, 32.060, 349.640



74, 20.339, 25.195



43, 5.437, 347.534



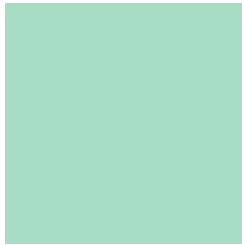
37, 63.227, 7.095



6, 24.585, 358.333

Previews

White Background



This preview shows how the CIE LCh color 84, 23.036, 164.486 looks on a white background.

Color Contrast Check

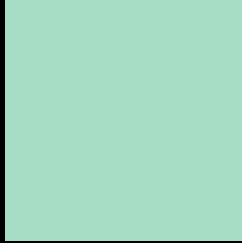
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 23.036, 164.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

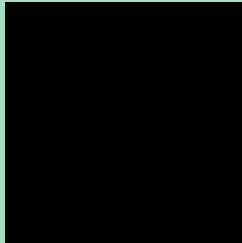
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

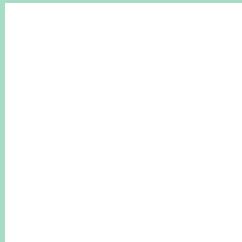
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 23.036, 164.486

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.036, 164.486.

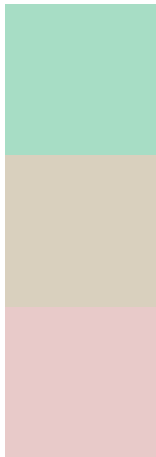


This preview shows how white text looks on a background with the CIELCh color 84, 23.036, 164.486.

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, 23.036, 164.486

Protanopia
84, 10.038, 89.548

Deuteranopia
84, 11.251, 22.877

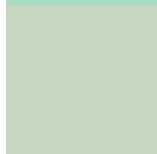


Tritanopia
84, 16.232, 232.335

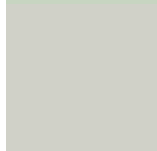
Trichromacy



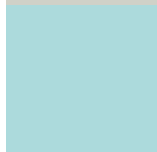
Original Color
84, 23.036, 164.486



Protanomaly
84, 11.757, 135.347



Deuteranomaly
84, 4.747, 114.199



Tritanomaly
84, 15.565, 202.265

Monochromacy



Original Color
84, 23.036, 164.486



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 8.708, 165.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.036, 164.486 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, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 221, 197)  
}
```

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, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 221, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.036, 164.486 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, 221, 197) }
```

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

```
.border{ border-color:rgb(167, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 221, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 221, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 221,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.036, 164.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 221, 197) }
```

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

```
.background{ background-color: rgb(167,  
221, 197) }
```

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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