

Converting Colors

CIELCh(84, 14.702, 197.858)

Have a look what the booklet for
CIELCh(84, 14.702, 197.858)
contains.

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Color

CIELCh(84, 14.729, 196.338)

Conversions

Conversions Part 1

Format	Color
Hex	AFDAD9
RGB	175, 218, 217
RGB Percent	69%, 85%, 85%
CMY	0.3148, 0.1462, 0.1502
CMYK	0.20, 0.00, 0.00, 0.15
HSL	179°, 37%, 77%
HSV	179°, 20%, 85%
XYZ	55.0966, 64.0658, 74.9076
YIQ	205.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

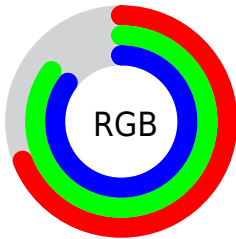
Format	Color
RYB	175, 197, 218
Decimal	11524825
CIELab	84.00, -14.13, -4.14
CIELCh	84, 14.729, 196.338
Yxy	64.0658, 0.2839, 0.3301
Android (android.graphics.Color)	4289714905 (0xFFAFDAD9)
YUV	205.0290, 5.9017, -26.3354
Hunter-Lab	80.0411, -17.2007, 0.5414

Details

The CIELCh color **84, 14.729, 196.338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 16.677, 18.981**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **64, 14.596, 195.953** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.449, 195.770**, and if you desaturate by 10%, it is **85, 7.472, 196.952**.

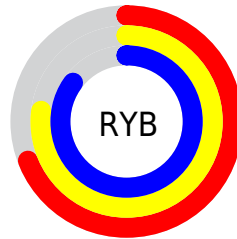
Distribution



Red (69%)

Green (85%)

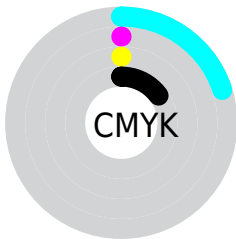
Blue (85%)



Red (69%)

Yellow (77%)

Blue (85%)

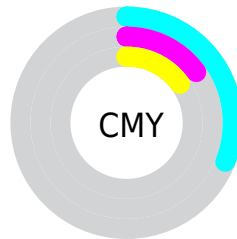


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 14.729, 196.338 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, 14.729, 196.338 by changing the saturation by 10% instead.


 84, 14.729,
196.338

 84, 14.729,
196.338


 100, 14.729,
196.338


 74, 14.729,
196.338


 64, 14.729,
196.338

 54, 14.729,
196.338

 44, 14.729,
196.338

 34, 14.729,
196.338

 24, 14.729,
196.338

 14, 14.729,

196.338

■ 4, 14.729, 196.338

■ 0, 14.729, 196.338

■ 84, 14.729,
196.338

■ 84, 14.729,
196.338

■ 83, 21.449,
195.770

■ 85, 7.472, 196.952

■ 82, 27.501,
195.250

■ 87, 0.200, 14.547

■ 89, 8.172, 18.037

■ 81, 32.765,
194.770

■ 90, 13.777, 18.167

■ 80, 37.138,
194.328

■ 90, 13.777, 17.081

■ 90, 13.782, 15.996

■ 80, 40.554,

193.922

90, 13.793, 14.912

79, 42.995,
193.546

90, 13.808, 13.830

79, 44.505,
193.189

90, 13.829, 12.751

79, 45.272,
192.842

79, 45.289,
192.833

Harmonies

Complementary

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



84, 14.729, 196.338



75, 16.677, 18.981

Rectangle

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



84, 14.729, 196.338



84, 14.729, 246.338



84, 14.729, 16.338



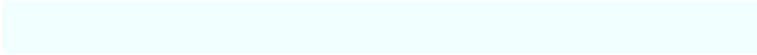
84, 14.729, 66.338

Sweetspot

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



84, 14.730, 196.332



99, 5.274, 197.220



83, 27.456, 142.349



53, 3.493, 197.168



0, 0.000, 0.000



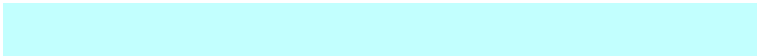
53, 0.007, 296.813

Same Dimension

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



84, 14.730, 196.332



96, 20.062, 196.076



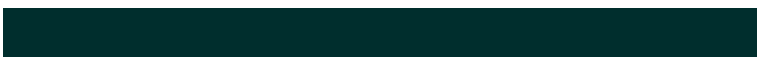
79, 13.072, 254.487



45, 4.381, 196.973



64, 38.206, 192.887



16, 15.294, 193.480

Inverse Universe

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



75, 16.677, 18.981



84, 23.426, 19.451



80, 13.923, 69.370



43, 4.638, 18.044



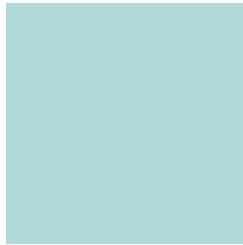
36, 77.230, 38.974



5, 23.803, 19.265

Previews

White Background



This preview shows how the CIE LCh color 84, 14.729, 196.338 looks on a white background.

Color Contrast Check

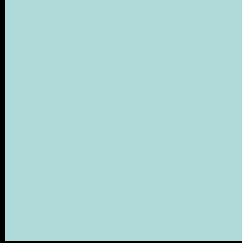
Large Text (above 18pt) WCAG AA × Fail

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, 14.729, 196.338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

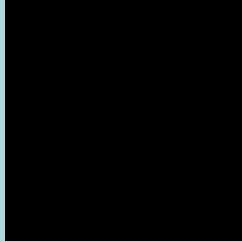
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

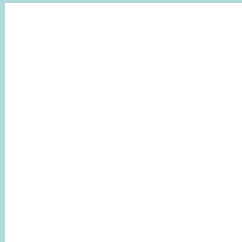
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 14.729, 196.338

Background



This preview shows how black text looks on a background with the CIELCh color 84, 14.729, 196.338.



This preview shows how white text looks on a background with the CIELCh color 84, 14.729, 196.338.

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
84, 14.978, 235.696

Trichromacy



Original Color
84, 14.729, 196.338

Protanomaly
84, 4.990, 205.240

Deuteranomaly
84, 5.843, 283.731

Tritanomaly
84, 13.984, 220.865

Monochromacy



Original Color
84, 14.729, 196.338

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 5.735, 193.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 14.729, 196.338 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(175, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(175, 218, 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(175, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 218, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 14.729, 196.338 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(175, 218, 217) }
```

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

```
.border{ border-color:rgb(175, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(175, 218,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 14.729, 196.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 218, 217) }
```

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

```
.background{ background-color: rgb(175,  
218, 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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