

Converting Colors

CIELCh(84, 16.483, 231.726)

Have a look what the booklet for
CIELCh(84, 16.483, 231.726)
contains.

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Color

CIELCh(84, 16.488, 231.731)

Conversions

Conversions Part 1

Format	Color
Hex	ADD8E9
RGB	173, 216, 233
RGB Percent	68%, 85%, 91%
CMY	0.3205, 0.1519, 0.0852
CMYK	0.26, 0.07, 0.00, 0.09
HSL	197°, 58%, 80%
HSV	197°, 26%, 91%
XYZ	56.6664, 64.0658, 86.6780
YIQ	205.0810, -31.0850, -3.8290

Conversions

Conversions Part 2

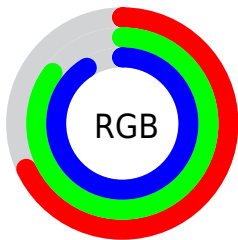
Format	Color
R _Y B	173, 198, 233
Decimal	11393257
CIE Lab	84.00, -10.21, -12.94
CIE LCh	84, 16.488, 231.731
Yxy	64.0658, 0.2732, 0.3089
Android (android.graphics.Color)	4289583337 (0xFFADD8E9)
YUV	205.0810, 13.7641, -28.1350
Hunter-Lab	80.0411, -13.7000, -8.1775

Details

The CIELCh color **84, 16.488, 231.731** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 19.311, 48.113**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **64, 16.446, 231.494** is the 20% darker color. If you saturate the color by 10%, you get **81, 22.177, 233.039**, and if you desaturate by 10%, it is **87, 10.352, 230.717**.

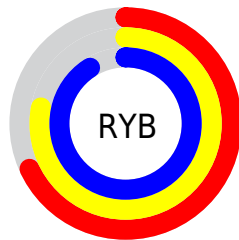
Distribution



Red (68%)

Green (85%)

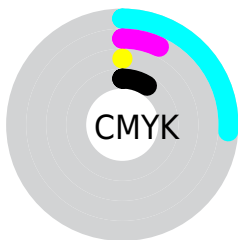
Blue (91%)



Red (68%)

Yellow (78%)

Blue (91%)

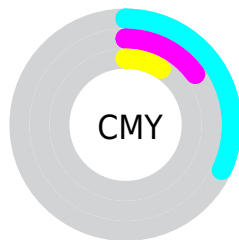


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (32%)


Magenta (15%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 16.488, 231.731 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, 16.488, 231.731 by changing the saturation by 10% instead.


 84, 16.488,
231.731


 84, 16.488,
231.731


 100, 16.488,
231.731


 74, 16.488,
231.731

 64, 16.488,
231.731

 54, 16.488,
231.731

 44, 16.488,
231.731

 34, 16.488,
231.731

 24, 16.488,
231.731

 14, 16.488,

231.731

■ 4, 16.488, 231.731

■ 0, 16.488, 231.731

■ 84, 16.488,
231.731

■ 84, 16.488,
231.731

■ 81, 22.177,
233.039

■ 87, 10.352,
230.717

■ 78, 27.335,
234.725

■ 91, 3.855, 230.012

■ 75, 31.887,
236.868

■ 94, 2.925, 49.049

■ 72, 35.786,
239.563

■ 96, 6.526, 66.970

■ 70, 39.036,

■ 98, 8.391, 95.415

■ 99, 10.995,

242.899

109.346

■ 68, 41.711,
246.934

■ 66, 43.971,
251.647

■ 65, 44.913,
253.753

Harmonies

Complementary

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



84, 16.488, 231.731



80, 19.311, 48.113

Rectangle

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



84, 16.488, 231.731



84, 16.488, 281.731



84, 16.488, 51.731



84, 16.488, 101.731

Sweetspot

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



84, 16.488, 231.725



97, 5.763, 230.137



88, 31.618, 150.991



51, 4.082, 230.235



0, 0.000, 0.000



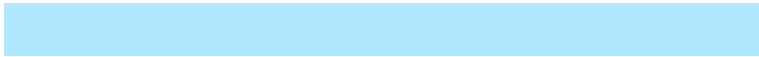
53, 0.007, 296.813

Same Dimension

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



84, 16.488, 231.725



89, 21.004, 232.397



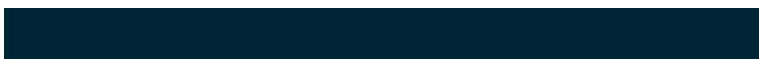
76, 25.036, 281.951



47, 3.812, 230.229



51, 36.899, 252.859



14, 15.014, 244.485

Inverse Universe

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



77, 31.496, 335.427



81, 40.766, 335.849



88, 24.497, 95.232



46, 6.937, 334.227



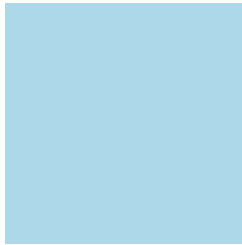
40, 72.175, 343.642



8, 31.795, 340.796

Previews

White Background



This preview shows how the CIELCh color 84, 16.488, 231.731 looks on a white background.

Color Contrast Check

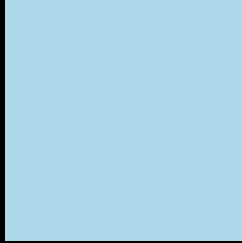
Large Text (above 18pt) WCAG AA × Fail

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, 16.488, 231.731 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, 16.488, 231.731

Background



This preview shows how black text looks on a background with the CIELCh color 84, 16.488, 231.731.



This preview shows how white text looks on a background with the CIELCh color 84, 16.488, 231.731.

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

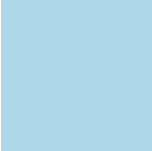
84, 16.488, 231.731

Protanopia

84, 10.557, 289.199

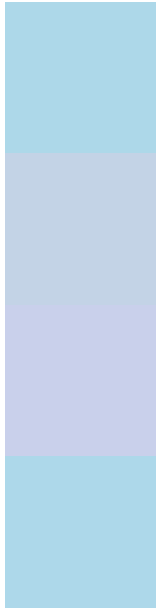
Deuteranopia

84, 17.565, 306.423



Tritanopia
84, 16.736, 233.370

Trichromacy



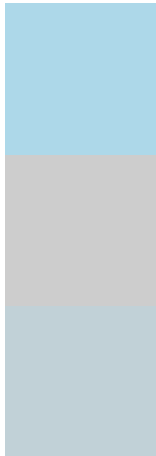
Original Color
84, 16.488, 231.731

Protanomaly
84, 11.291, 262.082

Deuteranomaly
84, 14.400, 281.878

Tritanomaly
84, 16.736, 233.370

Monochromacy



Original Color
84, 16.488, 231.731

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 6.398, 228.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 16.488, 231.731 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(173, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(173, 216, 233)  
}
```

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(173, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 216, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 16.488, 231.731 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(173, 216, 233) }
```

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

```
.border{ border-color:rgb(173, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(173, 216,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 16.488, 231.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 216, 233) }
```

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

```
.background{ background-color: rgb(173,  
216, 233) }
```

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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