

Converting Colors

CIELCh(84, 10.187, 209.268)

Have a look what the booklet for
CIELCh(84, 10.187, 209.268)
contains.

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Color

CIELCh(84, 10.131, 207.777)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7DA
RGB	186, 215, 218
RGB Percent	73%, 84%, 85%
CMY	0.2708, 0.1571, 0.1453
CMYK	0.15, 0.01, 0.00, 0.15
HSL	186°, 30%, 79%
HSV	186°, 15%, 85%
XYZ	57.1722, 64.0658, 75.6457
YIQ	206.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

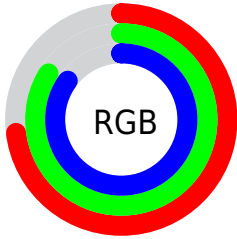
Format	Color
RYB	186, 201, 218
Decimal	12244954
CIELab	84.00, -8.96, -4.72
CIELCh	84, 10.131, 207.777
Yxy	64.0658, 0.2904, 0.3254
Android (android.graphics.Color)	4290435034 (0xFFBAD7DA)
YUV	206.6710, 5.5852, -18.1285
Hunter-Lab	80.0411, -12.5720, -0.0054

Details

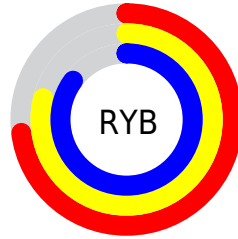
The CIELCh color `84, 10.131, 207.777` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `79, 11.169, 28.395`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `64, 10.208, 208.055` is the 20% darker color. If you saturate the color by 10%, you get `82, 16.485, 207.680`, and if you desaturate by 10%, it is `86, 3.318, 208.046`.

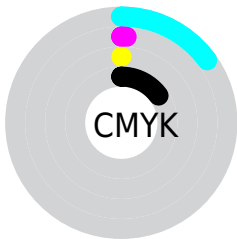
Distribution



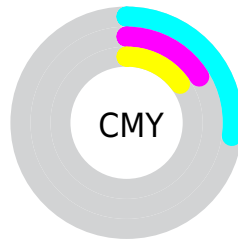
- Red (73%)
- Green (84%)
- Blue (85%)



- Red (73%)
- Yellow (79%)
- Blue (85%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)




- Cyan (27%)
- Magenta (16%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 10.131, 207.777 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, 10.131, 207.777 by changing the saturation by 10% instead.


 84, 10.131,
207.777

 84, 10.131,
207.777


 100, 10.131,
207.777


 74, 10.131,
207.777

 64, 10.131,
207.777

 54, 10.131,
207.777

 44, 10.131,
207.777

 34, 10.131,
207.777

 24, 10.131,
207.777

 14, 10.131,

207.777

■ 4, 10.131, 207.777

■ 0, 10.131, 207.777

■ 84, 10.131,
207.777

■ 84, 10.131,
207.777

■ 82, 16.485,
207.680

■ 86, 3.318, 208.046

■ 80, 22.263,
207.724

■ 88, 3.851, 27.945

■ 79, 27.349,
207.918

■ 90, 11.285, 28.335

■ 77, 31.633,
208.292

■ 91, 12.099, 32.837

■ 76, 35.028,

■ 92, 11.658, 38.592

■ 92, 11.344, 44.728

208.878

93, 11.170, 51.128

75, 37.485,
209.714

93, 11.139, 57.641

74, 39.008,
210.835

94, 11.255, 64.095

73, 39.677,
212.269

73, 39.810,
213.126

Harmonies

Complementary

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



84, 10.131, 207.777



79, 11.169, 28.395

Rectangle

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



84, 10.131, 207.777



84, 10.131, 257.777



84, 10.131, 27.777



84, 10.131, 77.777

Sweetspot

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



84, 10.132, 207.767



99, 3.225, 208.087



84, 19.469, 145.856



53, 2.288, 208.040



0, 0.000, 0.000



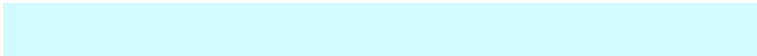
53, 0.007, 296.813

Same Dimension

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



84, 10.132, 207.767



96, 13.960, 207.722



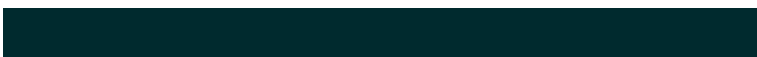
80, 10.858, 265.953



45, 3.996, 207.871



59, 33.606, 212.839



15, 13.694, 209.712

Inverse Universe

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



79, 19.362, 327.913



89, 26.996, 328.119



83, 11.060, 81.969



43, 7.504, 327.599



40, 80.445, 332.329



7, 32.367, 331.491

Previews

White Background



This preview shows how the CIELCh color 84, 10.131, 207.777 looks on a white background.

Color Contrast Check

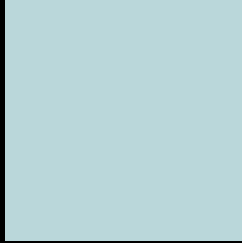
Large Text (above 18pt) WCAG AA × Fail

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, 10.131, 207.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

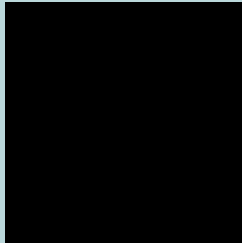
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

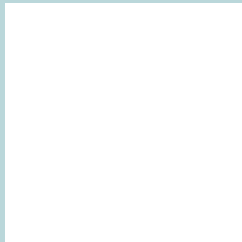
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 10.131, 207.777

Background



This preview shows how black text looks on a background with the CIELCh color 84, 10.131, 207.777.

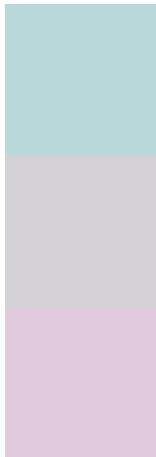


This preview shows how white text looks on a background with the CIELCh color 84, 10.131, 207.777.

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, 10.131, 207.777

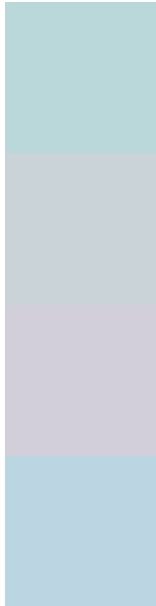
Protanopia
84, 3.365, 309.153

Deuteranopia
84, 11.779, 330.749



Tritanopia
84, 12.150, 246.767

Trichromacy



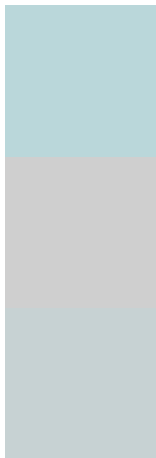
Original Color
84, 10.131, 207.777

Protanomaly
84, 3.801, 233.104

Deuteranomaly
84, 6.447, 300.251

Tritanomaly
84, 11.026, 234.060

Monochromacy



Original Color
84, 10.131, 207.777

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.952, 206.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 10.131, 207.777 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(186, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 218)  
}
```

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(186, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 10.131, 207.777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

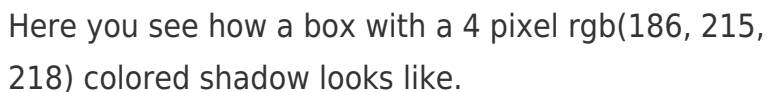
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 215, 218) }
```

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

```
.border{ border-color:rgb(186, 215, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 215, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 215, 218); box-shadow:4px 4px 4px 4px rgb(186, 215, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 10.131, 207.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 218) }
```

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

```
.background{ background-color: rgb(186,  
215, 218) }
```

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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