

Converting Colors

CIELCh(84, 18.715, 208.074)

Have a look what the booklet for
CIELCh(84, 18.715, 208.074)
contains.

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Color

CIELCh(84, 18.633, 208.031)

Conversions

Conversions Part 1

Format	Color
Hex	A3DBE1
RGB	163, 219, 225
RGB Percent	64%, 86%, 88%
CMY	0.3598, 0.1401, 0.1166
CMYK	0.28, 0.03, 0.00, 0.12
HSL	186°, 51%, 76%
HSV	186°, 28%, 88%
XYZ	54.1846, 64.0658, 80.9341
YIQ	202.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

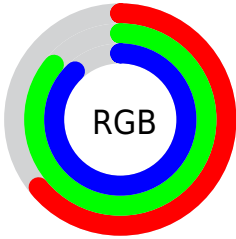
Format	Color
RYB	163, 192, 225
Decimal	10738657
CIELab	84.00, -16.45, -8.76
CIELCh	84, 18.633, 208.031
Yxy	64.0658, 0.2720, 0.3216
Android (android.graphics.Color)	4288928737 (0xFFA3DBE1)
YUV	202.9400, 10.8756, -35.0274
Hunter-Lab	80.0411, -19.2345, -3.9227

Details

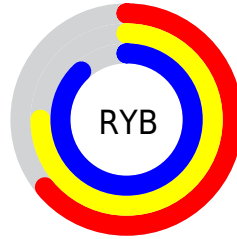
The CIELCh color **84, 18.633, 208.031** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 22.631, 29.397**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **64, 18.694, 208.286** is the 20% darker color. If you saturate the color by 10%, you get **82, 24.359, 208.131**, and if you desaturate by 10%, it is **86, 12.282, 208.060**.

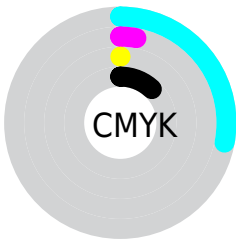
Distribution



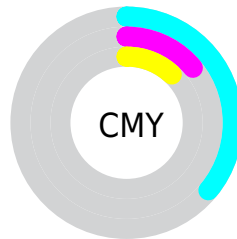
- Red (64%)
- Green (86%)
- Blue (88%)



- Red (64%)
- Yellow (75%)
- Blue (88%)



- Cyan (28%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)





- Cyan (36%)
- Magenta (14%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 18.633, 208.031 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, 18.633, 208.031 by changing the saturation by 10% instead.


 84, 18.633,
208.031


 84, 18.633,
208.031


 100, 18.633,
208.031


 74, 18.633,
208.031

 64, 18.633,
208.031

 54, 18.633,
208.031

 44, 18.633,
208.031

 34, 18.633,
208.031

 24, 18.633,
208.031

 14, 18.633,

208.031

■ 4, 18.633, 208.031

■ 0, 18.633, 208.031

■ 84, 18.633,
208.031

■ 84, 18.633,
208.031

■ 82, 24.359,
208.131

■ 86, 12.282,
208.060

■ 81, 29.341,
208.398

■ 88, 5.426, 208.243

■ 79, 33.470,
208.859

■ 90, 1.825, 27.998

■ 78, 36.667,
209.551

■ 93, 9.373, 28.530

■ 77, 38.895,

■ 93, 9.421, 35.385

■ 94, 9.041, 43.475

210.512

94, 8.858, 52.076

76, 40.181,
211.778

95, 8.882, 60.821

75, 40.646,
213.368

95, 9.110, 69.309

75, 40.705,
213.786

Harmonies

Complementary

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



84, 18.633, 208.031



74, 22.631, 29.397

Rectangle

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



84, 18.633, 208.031



84, 18.633, 258.031



84, 18.633, 28.031



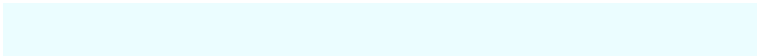
84, 18.633, 78.031

Sweetspot

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



84, 18.633, 208.026



98, 6.370, 208.227



84, 37.569, 144.830



52, 4.509, 208.187



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, 18.633, 208.026



93, 24.142, 208.068



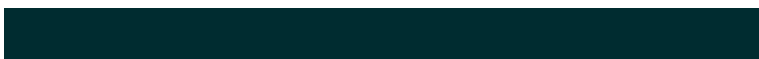
76, 20.953, 268.187



46, 4.061, 208.190



60, 33.884, 213.470



15, 14.110, 210.391

Inverse Universe

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



74, 37.261, 328.773



80, 49.268, 329.109



82, 21.765, 80.269



44, 7.631, 327.694



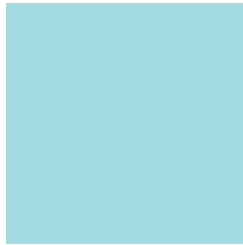
41, 81.118, 332.484



7, 33.662, 331.716

Previews

White Background



This preview shows how the CIE LCh color 84, 18.633, 208.031 looks on a white background.

Color Contrast Check

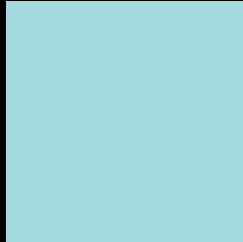
Large Text (above 18pt) WCAG AA × Fail

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, 18.633, 208.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

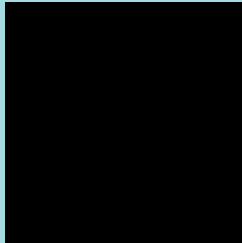
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 18.633, 208.031

Background



This preview shows how black text looks on a background with the CIELCh color 84, 18.633, 208.031.

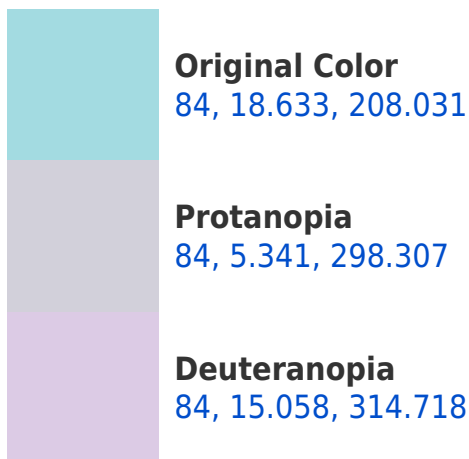


This preview shows how white text looks on a background with the CIELCh color 84, 18.633, 208.031.

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, 19.047, 226.646

Trichromacy



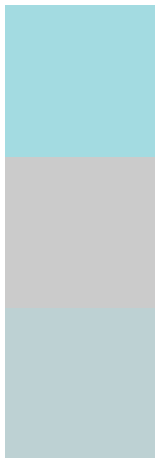
Original Color
84, 18.633, 208.031

Protanomaly
84, 8.037, 235.393

Deuteranomaly
84, 10.532, 271.942

Tritanomaly
84, 18.654, 220.022

Monochromacy



Original Color
84, 18.633, 208.031

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.111, 207.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 18.633, 208.031 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(163, 219, 225)` looks like.

```
.text, #text, p{  
    color:rgb(163, 219, 225)  
}
```

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(163, 219, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 219, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 18.633, 208.031 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(163, 219, 225) }
```

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

```
.border{ border-color:rgb(163, 219, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 219, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(163, 219,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 18.633, 208.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 219, 225) }
```

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

```
.background{ background-color: rgb(163,  
219, 225) }
```

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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