

Converting Colors

CIELCh(88, 18.718, 178.111)

Have a look what the booklet for
CIELCh(88, 18.718, 178.111)
contains.

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Color

CIELCh(88, 18.726, 178.537)

Conversions

Conversions Part 1

Format	Color
Hex	B4E7DB
RGB	180, 231, 219
RGB Percent	71%, 91%, 86%
CMY	0.2936, 0.0936, 0.1407
CMYK	0.22, 0.00, 0.05, 0.09
HSL	166°, 52%, 81%
HSV	166°, 22%, 91%
XYZ	60.2681, 72.0653, 77.8408
YIQ	214.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

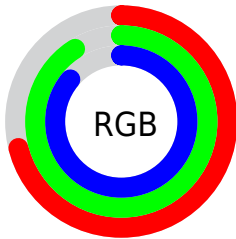
Format	Color
RYB	180, 209, 231
Decimal	11855835
CIELab	88.00, -18.72, 0.48
CIElCh	88, 18.726, 178.537
Yxy	72.0653, 0.2868, 0.3429
Android (android.graphics.Color)	4290045915 (0xFFB4E7DB)
YUV	214.3830, 2.2762, -30.1539
Hunter-Lab	84.8913, -21.8346, 5.0581

Details

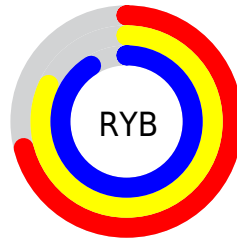
The CIELCh color **88, 18.726, 178.537** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 20.300, 2.898**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **68, 18.631, 178.798** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.664, 177.477**, and if you desaturate by 10%, it is **90, 10.393, 179.537**.

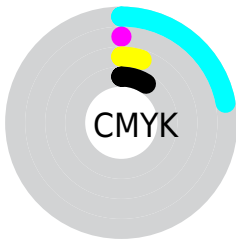
Distribution



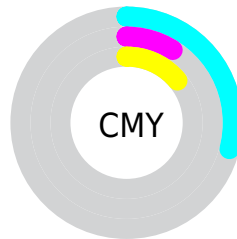
- Red (71%)
- Green (91%)
- Blue (86%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)





- Cyan (29%)
- Magenta (9%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 18.726, 178.537 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 88, 18.726, 178.537 by changing the saturation by 10% instead.


 88, 18.726,
178.537


 88, 18.726,
178.537


 100, 18.726,
178.537


 78, 18.726,
178.537

 68, 18.726,
178.537

 58, 18.726,
178.537

 48, 18.726,
178.537

 38, 18.726,
178.537

 28, 18.726,
178.537

 18, 18.726,

178.537

■ 8, 18.726, 178.537

■ 0, 18.726, 178.537

■ 88, 18.726,
178.537

■ 88, 18.726,
178.537

■ 87, 26.664,
177.477

■ 90, 10.393,
179.537

■ 85, 34.057,
176.342

■ 91, 1.795, 180.717

■ 84, 40.759,
175.106

■ 93, 6.951, 1.204

■ 84, 46.640,
173.745

■ 94, 9.907, 349.678

■ 83, 51.602,

■ 94, 11.549,
337.612

172.234

94, 13.580,
328.902

83, 55.608,
170.551

94, 14.907,
324.938

82, 58.697,
168.681

82, 60.654,
167.102

Harmonies

Complementary

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



88, 18.726, 178.537



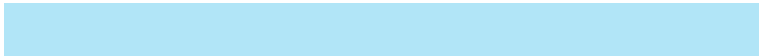
78, 20.300, 2.898

Rectangle

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



88, 18.726, 178.537



88, 18.726, 228.537



88, 18.726, 358.537



88, 18.726, 48.537

Sweetspot

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



88, 18.727, 178.533



99, 6.563, 180.045



88, 30.079, 136.238



53, 4.262, 179.982



0, 0.000, 0.000



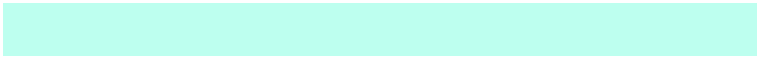
53, 0.007, 296.813

Same Dimension

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



88, 18.727, 178.533



95, 23.714, 178.111



85, 14.251, 226.880



47, 4.878, 179.798



65, 49.737, 167.469



18, 19.927, 170.986

Inverse Universe

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



78, 20.300, 2.898



83, 26.120, 3.433



81, 16.396, 44.551



45, 5.045, 1.431



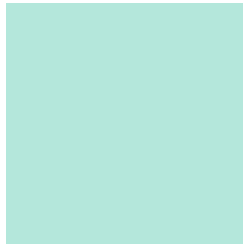
37, 69.449, 26.528



7, 26.644, 11.827

Previews

White Background



This preview shows how the CIELCh color 88, 18.726, 178.537 looks on a white background.

Color Contrast Check

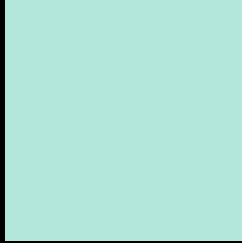
Large Text (above 18pt) WCAG AA × Fail

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 88, 18.726, 178.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

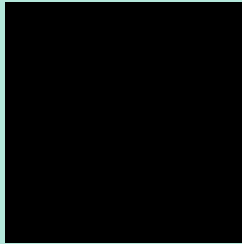
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

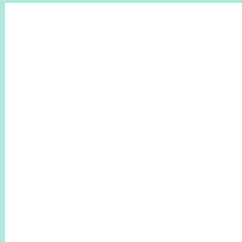
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.726, 178.537

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.726, 178.537.

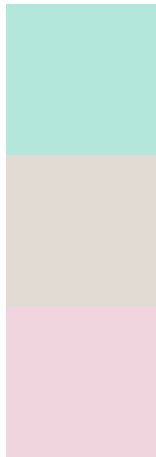


This preview shows how white text looks on a background with the CIELCh color 88, 18.726, 178.537.

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

88, 18.726, 178.537

Protanopia

88, 4.434, 74.576

Deuteranopia

88, 11.118, 352.287

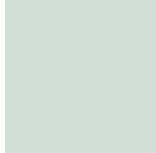


Tritanopia
88, 16.393, 233.854

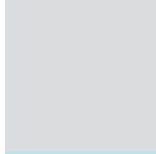
Trichromacy



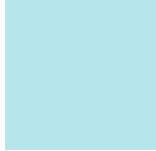
Original Color
88, 18.726, 178.537



Protanomaly
88, 6.567, 159.569



Deuteranomaly
88, 1.263, 255.952

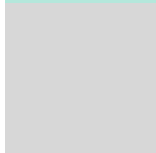


Tritanomaly
88, 15.629, 212.051

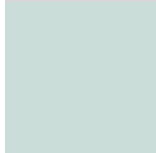
Monochromacy



Original Color
88, 18.726, 178.537



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 7.081, 181.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.726, 178.537 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(180, 231, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 231, 219)  
}
```

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(180, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 231, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.726, 178.537 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(180, 231, 219) }
```

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

```
.border{ border-color:rgb(180, 231, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 231, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 231,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.726, 178.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 231, 219) }
```

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

```
.background{ background-color: rgb(180,  
231, 219) }
```

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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