

Converting Colors

CIELCh(88, 19.292, 184.977)

Have a look what the booklet for
CIELCh(88, 19.292, 184.977)
contains.

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Color

CIELCh(88, 19.645, 184.193)

Conversions

Conversions Part 1

Format	Color
Hex	B0E8DF
RGB	176, 232, 223
RGB Percent	69%, 91%, 87%
CMY	0.3109, 0.0913, 0.1266
CMYK	0.24, 0.00, 0.04, 0.09
HSL	170°, 55%, 80%
HSV	170°, 24%, 91%
XYZ	59.9016, 72.0653, 80.3677
YIQ	214.2300, -30.4870, -14.6710

Conversions

Conversions Part 2

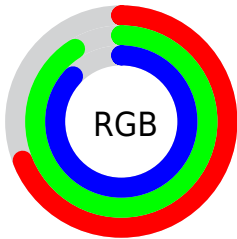
Format	Color
RYB	176, 206, 232
Decimal	11593951
CIELab	88.00, -19.59, -1.44
CIElCh	88, 19.645, 184.193
Yxy	72.0653, 0.2821, 0.3394
Android (android.graphics.Color)	4289784031 (0xFFB0E8DF)
YUV	214.2300, 4.3236, -33.5277
Hunter-Lab	84.8913, -22.6052, 3.2933

Details

The CIELCh color **88, 19.645, 184.193** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77, 21.965, 8.789**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **68, 19.513, 184.673** is the 20% darker color. If you saturate the color by 10%, you get **87, 27.035, 183.232**, and if you desaturate by 10%, it is **89, 11.758, 185.115**.

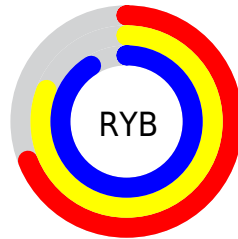
Distribution



Red (69%)

Green (91%)

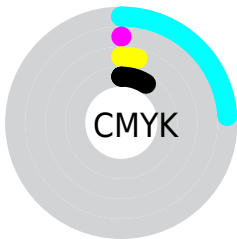
Blue (87%)



Red (69%)

Yellow (81%)

Blue (91%)

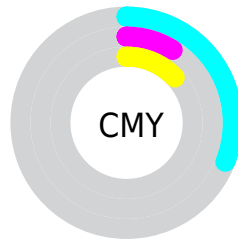


Cyan (24%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (31%)


Magenta (9%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 19.645, 184.193 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, 19.645, 184.193 by changing the saturation by 10% instead.


 88, 19.645,
184.193

 88, 19.645,
184.193


 100, 19.645,
184.193


 78, 19.645,
184.193


 68, 19.645,
184.193

 58, 19.645,
184.193

 48, 19.645,
184.193

 38, 19.645,
184.193


 28, 19.645,
184.193


 18, 19.645,


184.193


 8, 19.645, 184.193


 0, 19.645, 184.193

 88, 19.645,
184.193

 88, 19.645,
184.193

 87, 27.035,
183.232


 89, 11.758,
185.115

 86, 33.781,
182.222

 91, 3.508, 186.102


 85, 39.746,
181.144

 93, 4.981, 6.660

 84, 44.813,
179.975


 94, 8.894, 0.084


 83, 48.908,

 94, 10.771,


178.695


340.573


 83, 52.019,
177.280

 94, 12.067,
333.547

 83, 54.211,
175.716

 94, 13.513,
327.982

 83, 55.197,
174.757

 94, 14.539,
324.925

Harmonies

Complementary

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



88, 19.645, 184.193



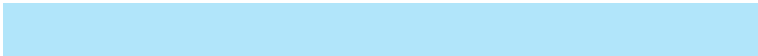
77, 21.965, 8.789

Rectangle

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



88, 19.645, 184.193



88, 19.645, 234.193



88, 19.645, 4.193



88, 19.645, 54.193

Sweetspot

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



88, 19.646, 184.189



99, 6.351, 185.787



87, 33.876, 138.515



53, 4.123, 185.727



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, 19.646, 184.189



95, 25.160, 183.717



83, 15.552, 238.302



47, 4.715, 185.553



65, 45.253, 175.060



18, 18.425, 177.893

Inverse Universe

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



77, 21.965, 8.789



81, 28.852, 9.472



81, 17.748, 53.831



45, 4.916, 7.085



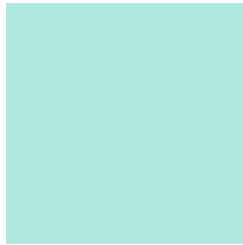
37, 72.882, 32.105



7, 26.711, 15.069

Previews

White Background



This preview shows how the CIELCh color 88, 19.645, 184.193 looks on a white background.

Color Contrast Check

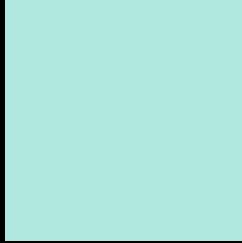
Large Text (above 18pt) WCAG AA × Fail

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, 19.645, 184.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

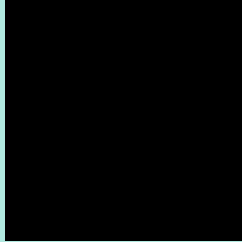
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

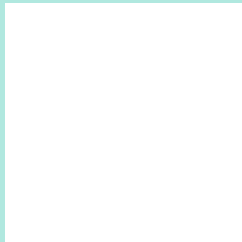
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 19.645, 184.193

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.645, 184.193.




This preview shows how white text looks on a background with the CIELCh color 88, 19.645, 184.193.

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



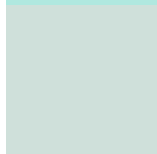


Tritanopia
88, 17.644, 230.944

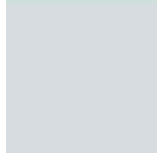
Trichromacy



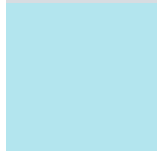
Original Color
88, 19.645, 184.193



Protanomaly
88, 6.848, 171.780



Deuteranomaly
88, 3.136, 256.101



Tritanomaly
88, 16.981, 214.556

Monochromacy



Original Color
88, 19.645, 184.193



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 7.267, 186.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.645, 184.193 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(176, 232, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 223)  
}
```

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(176, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.645, 184.193 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(176, 232, 223) }
```

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

```
.border{ border-color:rgb(176, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.645, 184.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 223) }
```

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

```
.background{ background-color: rgb(176,  
232, 223) }
```

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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