

Converting Colors

CIELCh(88, 19.943, 168.174)

Have a look what the booklet for
CIELCh(88, 19.943, 168.174)
contains.

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Color

CIELCh(88, 19.928, 168.183)

Conversions

Conversions Part 1

Format	Color
Hex	B6E7D4
RGB	182, 231, 212
RGB Percent	71%, 91%, 83%
CMY	0.2851, 0.0929, 0.1675
CMYK	0.21, 0.00, 0.08, 0.09
HSL	157°, 51%, 81%
HSV	157°, 21%, 91%
XYZ	59.9380, 72.0653, 73.2303
YIQ	214.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

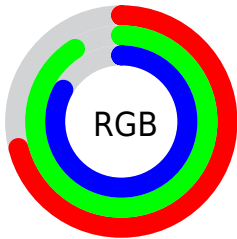
Format	Color
RYB	182, 212, 231
Decimal	11986900
CIELab	88.00, -19.51, 4.08
CIELCh	88, 19.928, 168.183
Yxy	72.0653, 0.2920, 0.3511
Android (android.graphics.Color)	4290176980 (0xFFB6E7D4)
YUV	214.1830, -1.0762, -28.2245
Hunter-Lab	84.8913, -22.5287, 8.2782

Details

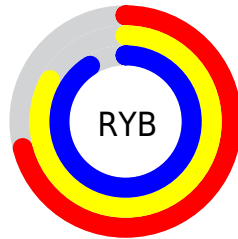
The CIELCh color **88, 19.928, 168.183** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 20.825, 352.248**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **68, 19.961, 167.922** is the 20% darker color. If you saturate the color by 10%, you get **87, 29.013, 167.078**, and if you desaturate by 10%, it is **90, 10.588, 169.198**.

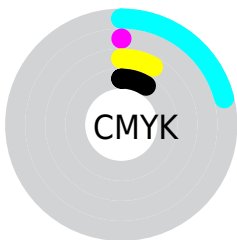
Distribution



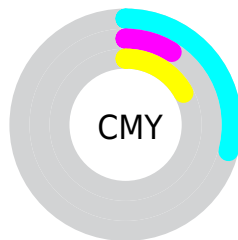
- Red (71%)
- Green (91%)
- Blue (83%)



- Red (71%)
- Yellow (83%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)





- Cyan (29%)
- Magenta (9%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 19.928, 168.183 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, 19.928, 168.183 by changing the saturation by 10% instead.


 88, 19.928,
168.183


 88, 19.928,
168.183


 100, 19.928,
168.183


 78, 19.928,
168.183

 68, 19.928,
168.183

 58, 19.928,
168.183

 48, 19.928,
168.183

 38, 19.928,
168.183


 28, 19.928,
168.183


 18, 19.928,


168.183


 8, 19.928, 168.183


 0, 19.928, 168.183

 88, 19.928,
168.183

 88, 19.928,
168.183

 87, 29.013,
167.078

 90, 10.588,
169.198

 85, 37.685,
165.861

 92, 1.122, 170.508


 84, 45.787,
164.503

 94, 8.358, 350.850

 83, 53.162,
162.977

 94, 12.100,
334.407

 83, 59.689,

 94, 14.804,
324.935

161.260

■ 82, 65.295,
159.332

■ 82, 69.992,
157.193

■ 81, 73.532,
155.193

Harmonies

Complementary

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



88, 19.928, 168.183



79, 20.825, 352.248

Rectangle

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



88, 19.928, 168.183



88, 19.928, 218.183



88, 19.928, 348.183



88, 19.928, 38.183

Sweetspot

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



88, 19.930, 168.180



99, 6.152, 169.718



89, 27.666, 131.544



53, 4.080, 169.650



0, 0.000, 0.000



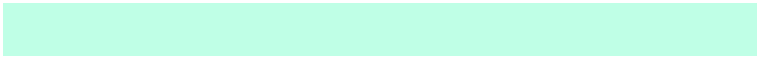
53, 0.007, 296.813

Same Dimension

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



88, 19.930, 168.180



95, 25.354, 167.758



87, 14.949, 208.392



47, 5.343, 169.371



64, 60.108, 155.614



18, 23.468, 159.758

Inverse Universe

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



79, 20.825, 352.248



84, 26.718, 352.712



80, 17.293, 29.308



45, 5.451, 350.985



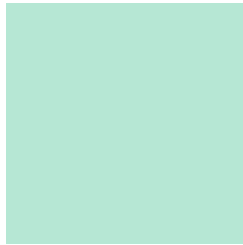
38, 65.027, 12.703



7, 26.860, 3.113

Previews

White Background



This preview shows how the CIELCh color 88, 19.928, 168.183 looks on a white background.

Color Contrast Check

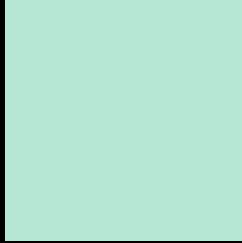
Large Text (above 18pt) WCAG AA × Fail

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 88, 19.928, 168.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

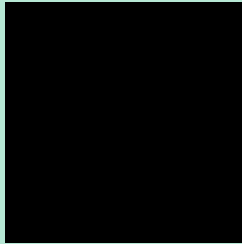
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

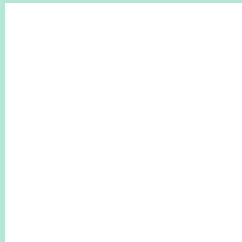
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 19.928, 168.183

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.928, 168.183.

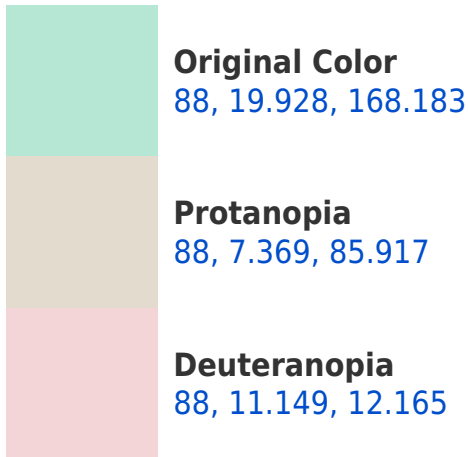


This preview shows how white text looks on a background with the CIELCh color 88, 19.928, 168.183.

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



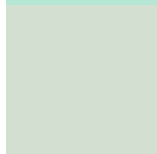


Tritanopia
88, 15.647, 235.835

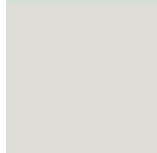
Trichromacy



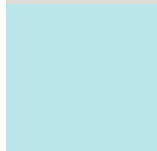
Original Color
88, 19.928, 168.183



Protanomaly
88, 8.988, 138.531



Deuteranomaly
88, 2.618, 101.981



Tritanomaly
88, 14.551, 206.781

Monochromacy



Original Color
88, 19.928, 168.183



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 7.445, 169.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.928, 168.183 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(182, 231, 212)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 212)  
}
```

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(182, 231, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.928, 168.183 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(182, 231, 212) }
```

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

```
.border{ border-color:rgb(182, 231, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 212);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.928, 168.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 231, 212) }
```

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

```
.background{ background-color: rgb(182,  
231, 212) }
```

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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