

Converting Colors

CIELCh(88, 23.011, 166.138)

Have a look what the booklet for
CIELCh(88, 23.011, 166.138)
contains.

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Color

CIELCh(88, 23.377, 165.434)

Conversions

Conversions Part 1

Format	Color
Hex	B1E9D1
RGB	177, 233, 209
RGB Percent	69%, 91%, 82%
CMY	0.3067, 0.0871, 0.1812
CMYK	0.24, 0.00, 0.10, 0.09
HSL	154°, 56%, 80%
HSV	154°, 24%, 91%
XYZ	58.6391, 72.0653, 70.9989
YIQ	213.5200, -25.6720, -19.3360

Conversions

Conversions Part 2

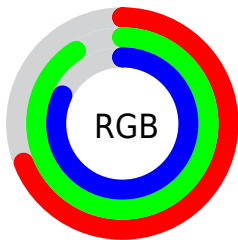
Format	Color
RYB	177, 213, 233
Decimal	11659729
CIELab	88.00, -22.63, 5.88
CIELCh	88, 23.377, 165.434
Yxy	72.0653, 0.2907, 0.3573
Android (android.graphics.Color)	4289849809 (0xFFB1E9D1)
YUV	213.5200, -2.2284, -32.0280
Hunter-Lab	84.8913, -25.2600, 9.8367

Details

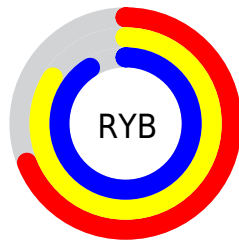
The CIELCh color **88, 23.377, 165.434** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 24.382, 350.020**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **68, 23.213, 166.028** is the 20% darker color. If you saturate the color by 10%, you get **87, 32.745, 164.307**, and if you desaturate by 10%, it is **90, 13.738, 166.456**.

Distribution



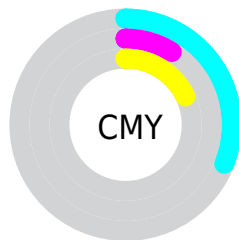
- Red (69%)
- Green (91%)
- Blue (82%)



- Red (69%)
- Yellow (84%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.377, 165.434 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, 23.377, 165.434 by changing the saturation by 10% instead.


 88, 23.377,
165.434


 88, 23.377,
165.434


 100, 23.377,
165.434

 78, 23.377,
165.434

 68, 23.377,
165.434

 58, 23.377,
165.434

 48, 23.377,
165.434

 38, 23.377,
165.434


 28, 23.377,
165.434


 18, 23.377,


165.434


 8, 23.377, 165.434


 0, 23.377, 165.434

 88, 23.377,
165.434


 88, 23.377,
165.434

 87, 32.745,
164.307


 90, 13.738,
166.456


 85, 41.678,
163.052

 91, 3.966, 167.460


 84, 50.010,
161.642

 93, 5.821, 348.096

 83, 57.585,
160.050

 94, 11.371,
334.207

 83, 64.283,

 95, 13.874,
324.901

158.254

■ 82, 70.047,
156.243

■ 82, 74.907,
154.025

■ 82, 77.487,
152.665

Harmonies

Complementary

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



88, 23.377, 165.434



78, 24.382, 350.020

Rectangle

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



88, 23.377, 165.434



88, 23.377, 215.434



88, 23.377, 345.434



88, 23.377, 35.434

Sweetspot

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



88, 23.379, 165.432



99, 7.375, 167.143



89, 31.282, 130.281



52, 4.792, 167.083



0, 0.000, 0.000



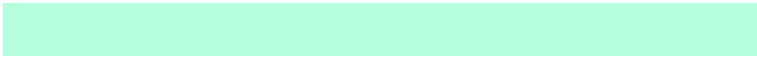
53, 0.007, 296.813

Same Dimension

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



88, 23.379, 165.432



95, 30.202, 164.874



88, 17.399, 204.765



48, 5.594, 166.904



65, 63.696, 153.072



19, 25.355, 157.041

Inverse Universe

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



78, 24.382, 350.020



81, 31.781, 350.622



78, 20.551, 26.562



46, 5.690, 348.485



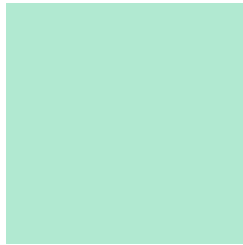
39, 65.337, 8.812



8, 28.085, 0.752

Previews

White Background



This preview shows how the CIELCh color 88, 23.377, 165.434 looks on a white background.

Color Contrast Check

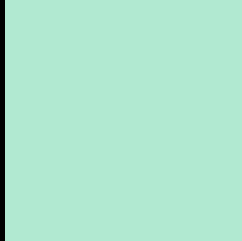
Large Text (above 18pt) WCAG AA × Fail

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, 23.377, 165.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

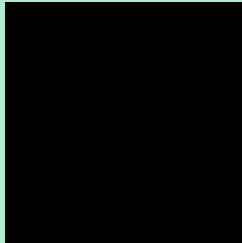
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

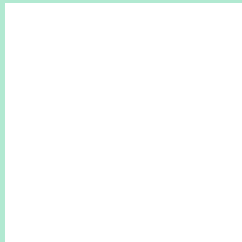
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 23.377, 165.434

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.377, 165.434.

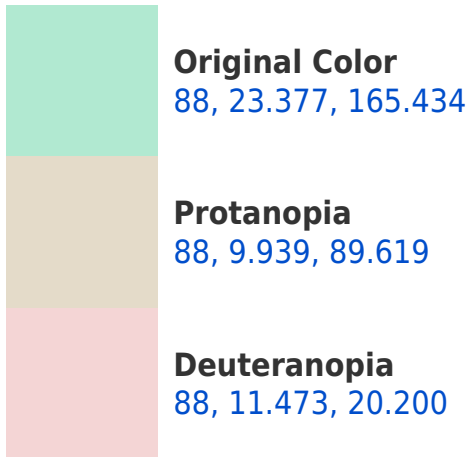


This preview shows how white text looks on a background with the CIELCh color 88, 23.377, 165.434.

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



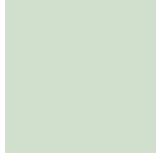


Tritanopia
88, 16.902, 234.818

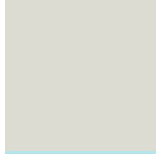
Trichromacy



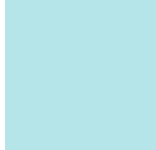
Original Color
88, 23.377, 165.434



Protanomaly
88, 11.814, 136.917

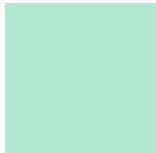


Deuteranomaly
88, 4.683, 109.772

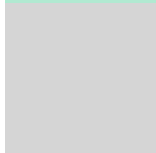


Tritanomaly
88, 16.091, 203.991

Monochromacy



Original Color
88, 23.377, 165.434



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 8.625, 165.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.377, 165.434 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(177, 233, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 233, 209)  
}
```

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(177, 233, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 233, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.377, 165.434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

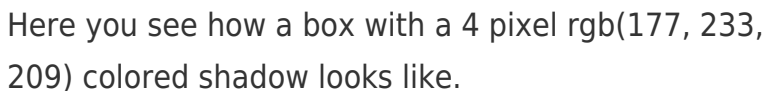
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 233, 209) }
```

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

```
.border{ border-color:rgb(177, 233, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 233, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 233, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 233, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 233,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.377, 165.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 233, 209) }
```

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

```
.background{ background-color: rgb(177,  
233, 209) }
```

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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