

Converting Colors

CIELCh(88, 21.486, 163.744)

Have a look what the booklet for
CIELCh(88, 21.486, 163.744)
contains.

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Color

CIELCh(88, 21.424, 163.906)

Conversions

Conversions Part 1

Format	Color
Hex	B6E8D1
RGB	182, 232, 209
RGB Percent	71%, 91%, 82%
CMY	0.2873, 0.0912, 0.1814
CMYK	0.22, 0.00, 0.10, 0.09
HSL	152°, 52%, 81%
HSV	152°, 22%, 91%
XYZ	59.4868, 72.0653, 70.9254
YIQ	214.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

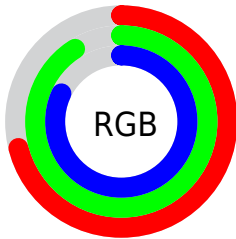
Format	Color
RYB	182, 214, 232
Decimal	11987153
CIELab	88.00, -20.58, 5.94
CIElCh	88, 21.424, 163.906
Yxy	72.0653, 0.2938, 0.3559
Android (android.graphics.Color)	4290177233 (0xFFB6E8D1)
YUV	214.4280, -2.6760, -28.4394
Hunter-Lab	84.8913, -23.4775, 9.8880

Details

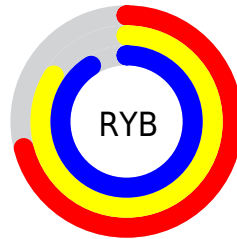
The CIELCh color **88, 21.424, 163.906** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 22.138, 347.856**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **68, 21.210, 164.621** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.103, 162.818**, and if you desaturate by 10%, it is **90, 11.533, 164.893**.

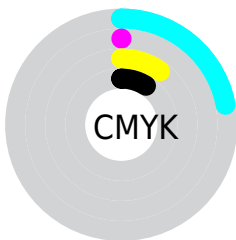
Distribution



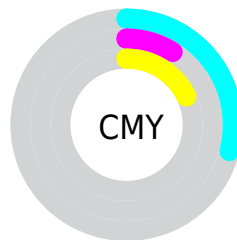
- Red (71%)
- Green (91%)
- Blue (82%)



- Red (71%)
- Yellow (84%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 21.424, 163.906 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, 21.424, 163.906 by changing the saturation by 10% instead.


 88, 21.424,
163.906

 88, 21.424,
163.906

 100, 21.424,
163.906

 78, 21.424,
163.906

 68, 21.424,
163.906

 58, 21.424,
163.906

 48, 21.424,
163.906

 38, 21.424,
163.906

 28, 21.424,
163.906

 18, 21.424,

163.906

■ 8, 21.424, 163.906

■ 0, 21.424, 163.906

■ 88, 21.424,
163.906

■ 88, 21.424,
163.906

■ 86, 31.103,
162.818

■ 90, 11.533,
164.893

■ 85, 40.408,
161.605

■ 92, 1.561, 166.032

■ 84, 49.169,
160.239

■ 94, 8.378, 346.479

■ 83, 57.220,
158.693

■ 94, 13.049,
329.554

■ 82, 64.426,

■ 94, 14.530,
324.925

156.945

■ 82, 70.702,
154.982

■ 82, 76.048,
152.808

■ 81, 79.970,
150.882

Harmonies

Complementary

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



88, 21.424, 163.906



79, 22.138, 347.856

Rectangle

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



88, 21.424, 163.906



88, 21.424, 213.906



88, 21.424, 343.906



88, 21.424, 33.906

Sweetspot

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



88, 21.426, 163.904



99, 6.459, 165.428



89, 27.716, 129.253



53, 4.285, 165.362



0, 0.000, 0.000



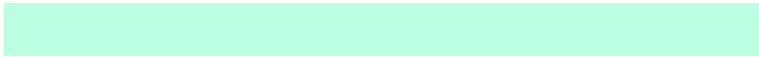
53, 0.007, 296.813

Same Dimension

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



88, 21.426, 163.904



95, 27.819, 163.423



88, 16.196, 201.452



47, 5.616, 165.096



64, 65.228, 151.309



18, 25.262, 155.530

Inverse Universe

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



79, 22.138, 347.856



83, 28.941, 348.356



79, 18.740, 23.602



45, 5.701, 346.639



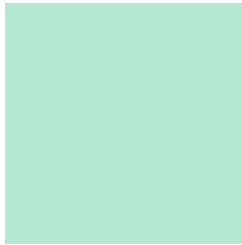
38, 64.607, 5.711



7, 27.264, 357.984

Previews

White Background



This preview shows how the CIE LCh color 88, 21.424, 163.906 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, 21.424, 163.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

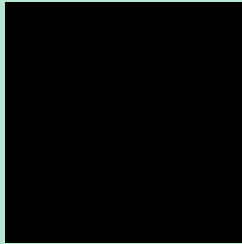
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

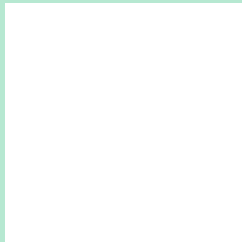
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.424, 163.906

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.424, 163.906.

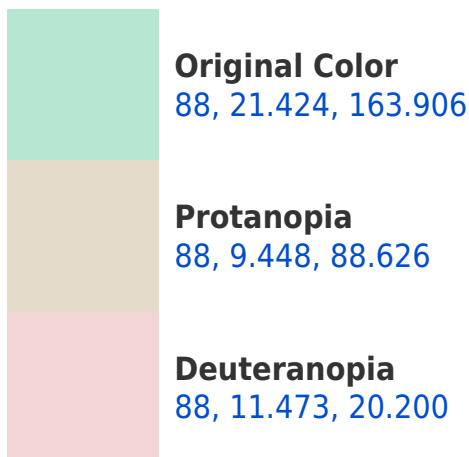



This preview shows how white text looks on a background with the CIELCh color 88, 21.424, 163.906.

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](#).

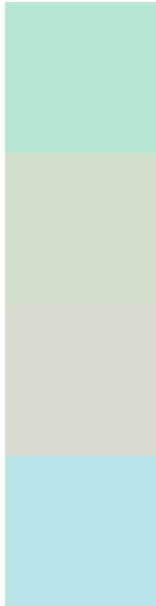
Dichromacy





Tritanopia
88, 15.402, 236.541

Trichromacy



Original Color
88, 21.424, 163.906

Protanomaly
88, 11.483, 133.768

Deuteranomaly
88, 4.692, 105.312

Tritanomaly
88, 14.531, 204.698

Monochromacy



Original Color
88, 21.424, 163.906

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.732, 166.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.424, 163.906 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, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 232, 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(182, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 232, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.424, 163.906 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, 232, 209) }
```

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

```
.border{ border-color:rgb(182, 232, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 232, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 232,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.424, 163.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 232, 209) }
```

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

```
.background{ background-color: rgb(182,  
232, 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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