

Converting Colors

CIELCh(88, 22.051, 150.912)

Have a look what the booklet for
CIELCh(88, 22.051, 150.912)
contains.

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Color

CIELCh(88, 22.004, 150.853)

Conversions

Conversions Part 1

Format	Color
Hex	BEE7C8
RGB	190, 231, 200
RGB Percent	75%, 91%, 78%
CMY	0.2560, 0.0952, 0.2167
CMYK	0.18, 0.00, 0.13, 0.10
HSL	135°, 46%, 82%
HSV	135°, 18%, 90%
XYZ	60.0588, 72.0653, 65.2215
YIQ	215.2070, -14.4850, -18.3330

Conversions

Conversions Part 2

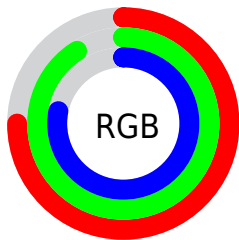
Format	Color
RYB	190, 223, 231
Decimal	12511176
CIELab	88.00, -19.22, 10.72
CIELCh	88, 22.004, 150.853
Yxy	72.0653, 0.3043, 0.3652
Android (android.graphics.Color)	4290701256 (0xFFBEE7C8)
YUV	215.2070, -7.4971, -22.1065
Hunter-Lab	84.8913, -22.2746, 13.8717

Details

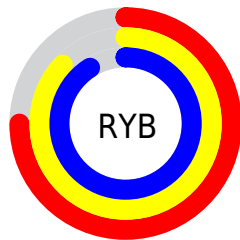
The CIELCh color **88, 22.004, 150.853** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 22.121, 333.272**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **68, 21.854, 150.960** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.397, 149.971**, and if you desaturate by 10%, it is **90, 9.577, 151.631**.

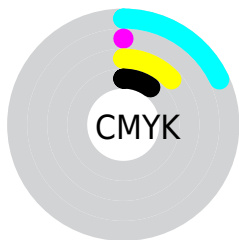
Distribution



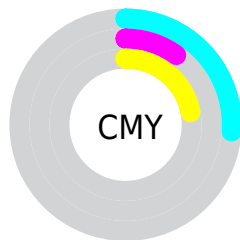
- Red (75%)
- Green (91%)
- Blue (78%)



- Red (75%)
- Yellow (87%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)




- Cyan (26%)
- Magenta (10%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 22.004, 150.853 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, 22.004, 150.853 by changing the saturation by 10% instead.


 88, 22.004,
150.853

 88, 22.004,
150.853


 100, 22.004,
150.853


 78, 22.004,
150.853

 68, 22.004,
150.853

 58, 22.004,
150.853

 48, 22.004,
150.853

 38, 22.004,
150.853


 28, 22.004,
150.853


 18, 22.004,


150.853

 8, 22.004, 150.853


 0, 22.004, 150.853

 88, 22.004,
150.853

 88, 22.004,
150.853

 86, 34.397,
149.971


 90, 9.577, 151.631


 85, 46.561,
148.954

 92, 2.743, 332.120

 84, 58.271,
147.779

 94, 13.955,
328.454

 82, 69.276,
146.434

 94, 15.164,
324.948

 82, 79.315,

144.913

■ 81, 88.147,
143.236

■ 81, 95.570,
141.454

■ 80, 101.462,
139.674

■ 80, 102.602,
139.317

Harmonies

Complementary

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



88, 22.004, 150.853



81, 22.121, 333.272

Rectangle

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



88, 22.004, 150.853



88, 22.004, 200.853



88, 22.004, 330.853



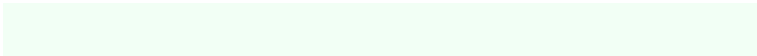
88, 22.004, 20.853

Sweetspot

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



88, 22.006, 150.852



99, 6.670, 151.841



90, 21.449, 118.126



53, 4.554, 151.785



0, 0.000, 0.000



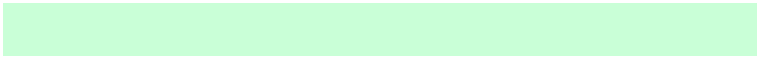
53, 0.007, 296.813

Same Dimension

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



88, 22.006, 150.852



96, 28.222, 150.571



88, 15.441, 176.664



47, 6.979, 151.504



64, 84.054, 139.631



17, 32.346, 143.548

Inverse Universe

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



81, 22.121, 333.272



87, 28.385, 333.507



81, 16.360, 0.092



45, 7.007, 332.695



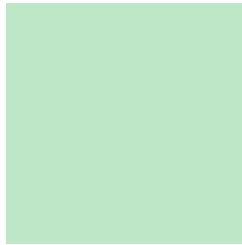
40, 73.381, 340.912



8, 31.616, 338.514

Previews

White Background



This preview shows how the CIELCh color 88, 22.004, 150.853 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, 22.004, 150.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

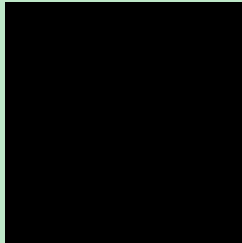
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

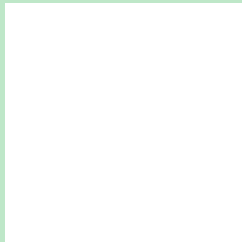
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 22.004, 150.853

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.004, 150.853.

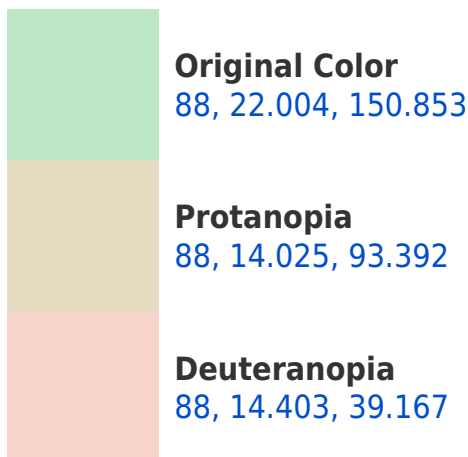


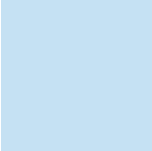
This preview shows how white text looks on a background with the CIELCh color 88, 22.004, 150.853.

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, 13.066, 245.170

Trichromacy



Original Color
88, 22.004, 150.853

Protanomaly
88, 14.941, 121.916

Deuteranomaly
88, 9.323, 90.784

Tritanomaly
88, 11.352, 198.678

Monochromacy



Original Color
88, 22.004, 150.853

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 8.336, 150.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.004, 150.853 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(190, 231, 200)` looks like.

```
.text, #text, p{  
    color:rgb(190, 231, 200)  
}
```

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(190, 231, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 231, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.004, 150.853 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(190, 231, 200) }
```

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

```
.border{ border-color:rgb(190, 231, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 231, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 231, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 231, 200);  
box-shadow:4px 4px 4px 4px rgb(190, 231,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.004, 150.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 231, 200) }
```

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

```
.background{ background-color: rgb(190,  
231, 200) }
```

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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