

Converting Colors

CIELCh(88, 21.274, 138.015)

Have a look what the booklet for
CIELCh(88, 21.274, 138.015)
contains.

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Color

CIELCh(88, 21.603, 138.221)

Conversions

Conversions Part 1

Format	Color
Hex	C8E5C1
RGB	200, 229, 193
RGB Percent	78%, 90%, 76%
CMY	0.2162, 0.1025, 0.2437
CMYK	0.13, 0.00, 0.16, 0.10
HSL	108°, 41%, 83%
HSV	108°, 16%, 90%
XYZ	61.3734, 72.0653, 61.0475
YIQ	216.2250, -5.7280, -17.3440

Conversions

Conversions Part 2

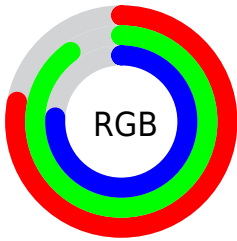
Format	Color
RYB	193, 229, 222
Decimal	13166017
CIELab	88.00, -16.11, 14.39
CIELCh	88, 21.603, 138.221
Yxy	72.0653, 0.3156, 0.3705
Android (android.graphics.Color)	4291356097 (0xFFC8E5C1)
YUV	216.2250, -11.4499, -14.2293
Hunter-Lab	84.8913, -19.5104, 16.7870

Details

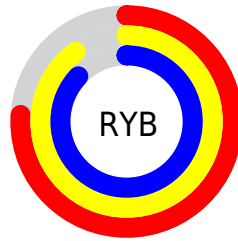
The CIELCh color **88, 21.603, 138.221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 21.770, 319.671**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **68, 21.446, 137.691** is the 20% darker color. If you saturate the color by 10%, you get **86, 35.399, 137.642**, and if you desaturate by 10%, it is **90, 7.826, 138.748**.

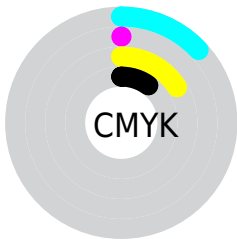
Distribution



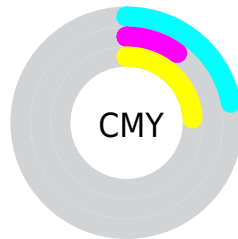
- Red (78%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 21.603, 138.221 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, 21.603, 138.221 by changing the saturation by 10% instead.


 88, 21.603,
138.221

 88, 21.603,
138.221


 100, 21.603,
138.221


 78, 21.603,
138.221

 68, 21.603,
138.221

 58, 21.603,
138.221

 48, 21.603,
138.221

 38, 21.603,
138.221


 28, 21.603,
138.221


 18, 21.603,


138.221

 8, 21.603, 138.221

 0, 21.603, 138.221

 88, 21.603,
138.221


 88, 21.603,
138.221

 86, 35.399,
137.642

 90, 7.826, 138.748

 85, 49.030,
137.002

 92, 5.809, 319.119

 94, 16.334,
324.990

 84, 62.252,
136.318

 83, 74.735,
135.629

 82, 86.035,

135.006

■ 81, 95.600,
134.561

■ 80, 102.833,
134.424

■ 80, 107.333,
134.688

■ 80, 108.638,
134.843

Harmonies

Complementary

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



88, 21.603, 138.221



81, 21.770, 319.671

Rectangle

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



88, 21.603, 138.221



88, 21.603, 188.221



88, 21.603, 318.221



88, 21.603, 8.221

Sweetspot

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



88, 21.605, 138.222



99, 7.451, 138.785



88, 15.186, 98.586



53, 5.087, 138.748



0, 0.000, 0.000



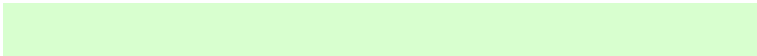
53, 0.007, 296.813

Same Dimension

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



88, 21.605, 138.222



96, 28.517, 138.033



88, 18.553, 153.146



47, 7.796, 138.555



64, 90.033, 134.695



18, 35.121, 135.473

Inverse Universe

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



81, 21.770, 319.671



88, 28.772, 319.826



82, 18.681, 335.364



45, 7.838, 319.381



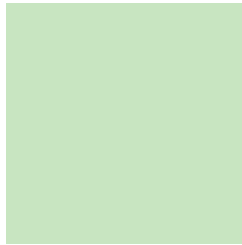
36, 90.034, 320.918



6, 37.115, 321.755

Previews

White Background



This preview shows how the CIELCh color 88, 21.603, 138.221 looks on a white background.

Color Contrast Check

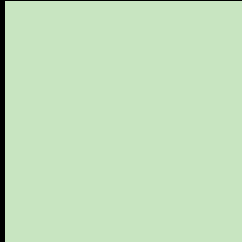
Large Text (above 18pt) WCAG AA × Fail

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, 21.603, 138.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

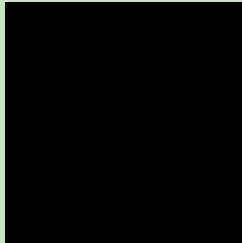
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

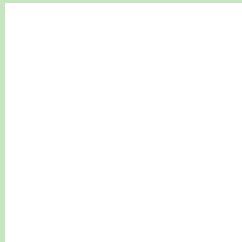
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 21.603, 138.221

Background



This preview shows how black text looks on a background with the CIELCh color 88, 21.603, 138.221.

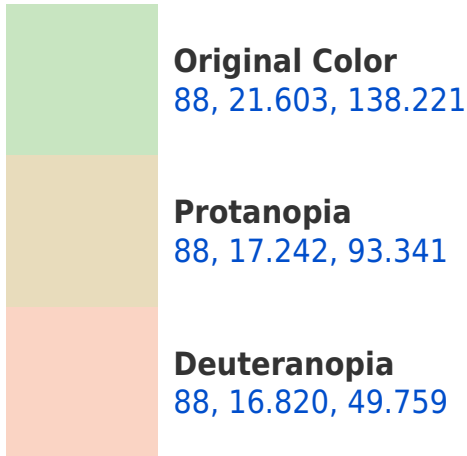


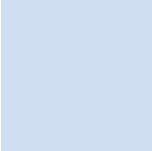
This preview shows how white text looks on a background with the CIELCh color 88, 21.603, 138.221.

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](#).

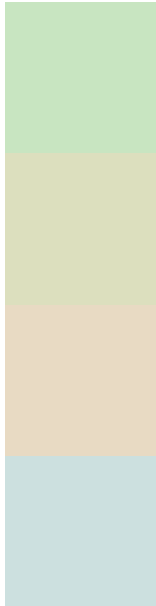
Dichromacy





Tritanopia
88, 10.590, 262.124

Trichromacy



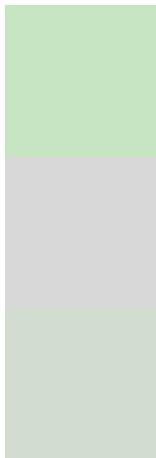
Original Color
88, 21.603, 138.221

Protanomaly
88, 17.160, 112.527

Deuteranomaly
88, 13.087, 85.289

Tritanomaly
88, 7.046, 194.735

Monochromacy



Original Color
88, 21.603, 138.221

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.909, 139.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 21.603, 138.221 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(200, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 229, 193)  
}
```

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(200, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 229, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 21.603, 138.221 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(200, 229, 193) }
```

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

```
.border{ border-color:rgb(200, 229, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 229, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 229,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 21.603, 138.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 229, 193) }
```

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

```
.background{ background-color: rgb(200,  
229, 193) }
```

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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