

Converting Colors

CIELCh(88, 13.592, 154.818)

Have a look what the booklet for
CIELCh(88, 13.592, 154.818)
contains.

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Color

CIELCh(88, 13.577, 154.816)

Conversions

Conversions Part 1

Format	Color
Hex	C8E3D1
RGB	200, 227, 209
RGB Percent	78%, 89%, 82%
CMY	0.2144, 0.1085, 0.1791
CMYK	0.12, 0.00, 0.08, 0.11
HSL	140°, 33%, 84%
HSV	140°, 12%, 89%
XYZ	63.0168, 72.0653, 71.1240
YIQ	216.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

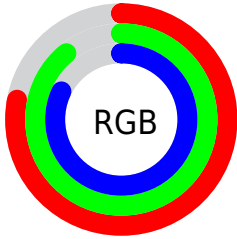
Format	Color
R_{YB}	200, 220, 227
Decimal	13165521
CIE Lab	88.00, -12.29, 5.78
CIE LCh	88, 13.577, 154.816
Yxy	72.0653, 0.3056, 0.3495
Android (android.graphics.Color)	4291355601 (0xFFC8E3D1)
YUV	216.8750, -3.8824, -14.7994
Hunter-Lab	84.8913, -16.0550, 9.7493

Details

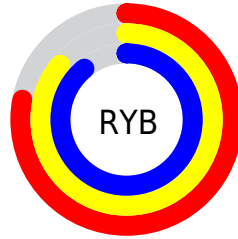
The CIELCh color **88, 13.577, 154.816** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 13.673, 336.483**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 13.650, 155.108** is the 20% darker color. If you saturate the color by 10%, you get **86, 25.051, 153.951**, and if you desaturate by 10%, it is **90, 2.132, 155.713**.

Distribution



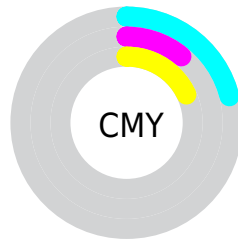
- Red (78%)
- Green (89%)
- Blue (82%)



- Red (78%)
- Yellow (86%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)




- Cyan (21%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 13.577, 154.816 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, 13.577, 154.816 by changing the saturation by 10% instead.


 88, 13.577,
154.816


 88, 13.577,
154.816


 100, 13.577,
154.816


 78, 13.577,
154.816


 68, 13.577,
154.816

 58, 13.577,
154.816

 48, 13.577,
154.816

 38, 13.577,
154.816

 28, 13.577,
154.816

 18, 13.577,

154.816

■ 8, 13.577, 154.816

■ 0, 13.577, 154.816

■ 88, 13.577,
154.816

■ 88, 13.577,
154.816

■ 86, 25.051,
153.951

■ 90, 2.132, 155.713

■ 85, 36.397,
152.971

■ 92, 9.174, 336.150

■ 83, 47.435,
151.847

■ 93, 17.209,
325.215

■ 82, 57.958,
150.557

■ 93, 17.292,
325.024

■ 81, 67.751,

149.080

■ 80, 76.613,
147.408

■ 80, 84.388,
145.550

■ 80, 90.985,
143.547

■ 79, 95.532,
141.914

Harmonies

Complementary

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



88, 13.577, 154.816



83, 13.673, 336.483

Rectangle

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



88, 13.577, 154.816



88, 13.577, 204.816



88, 13.577, 334.816



88, 13.577, 24.816

Sweetspot

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



88, 13.579, 154.814



99, 4.993, 155.464



89, 14.362, 121.768



53, 3.551, 155.396



0, 0.000, 0.000



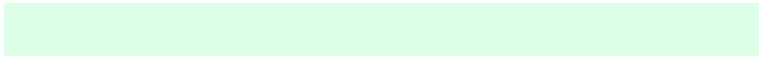
53, 0.007, 296.813

Same Dimension

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



88, 13.579, 154.814



97, 17.575, 154.632



88, 9.845, 183.537



47, 6.534, 155.011



64, 79.091, 142.265



17, 30.408, 146.223

Inverse Universe

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



83, 13.673, 336.483



91, 17.712, 336.653



83, 10.345, 5.603



45, 6.574, 336.298



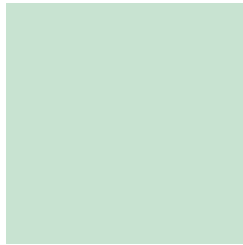
39, 69.245, 347.347



7, 29.931, 343.536

Previews

White Background



This preview shows how the CIELCh color 88, 13.577, 154.816 looks on a white background.

Color Contrast Check

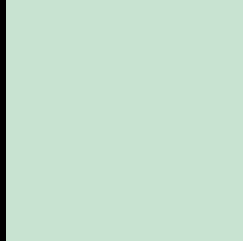
Large Text (above 18pt) WCAG AA × Fail

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, 13.577, 154.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

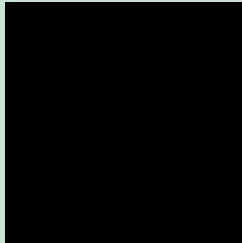
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

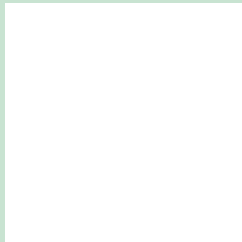
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 13.577, 154.816

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.577, 154.816.

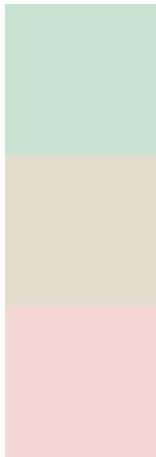


This preview shows how white text looks on a background with the CIELCh color 88, 13.577, 154.816.

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



Original Color
88, 13.577, 154.816

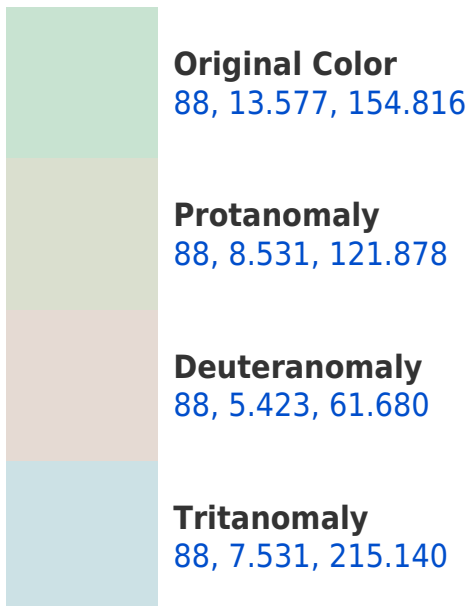
Protanopia
88, 8.331, 88.652

Deuteranopia
88, 11.883, 22.723

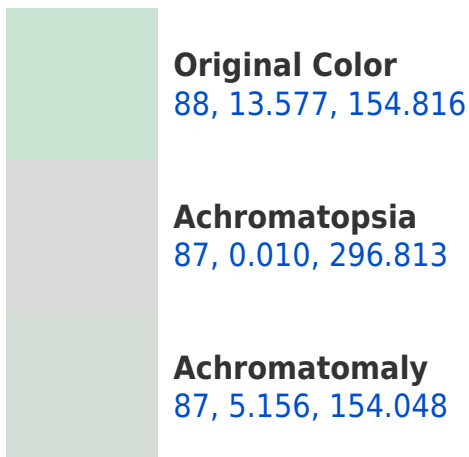


Tritanopia
88, 10.471, 257.393

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.577, 154.816 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, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(200, 227, 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(200, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 227, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.577, 154.816 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, 227, 209) }
```

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

```
.border{ border-color:rgb(200, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(200, 227,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.577, 154.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 227, 209) }
```

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

```
.background{ background-color: rgb(200,  
227, 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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