

Converting Colors

CIELCh(88, 13.694, 137.840)

Have a look what the booklet for
CIELCh(88, 13.694, 137.840)
contains.

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Color

CIELCh(88, 13.705, 137.838)

Conversions

Conversions Part 1

Format	Color
Hex	D0E2CB
RGB	208, 226, 203
RGB Percent	82%, 89%, 80%
CMY	0.1846, 0.1140, 0.2042
CMYK	0.08, 0.00, 0.10, 0.11
HSL	107°, 28%, 84%
HSV	107°, 10%, 89%
XYZ	63.9439, 72.0653, 66.9990
YIQ	217.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

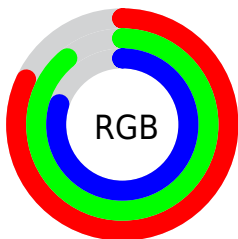
Format	Color
RYB	203, 226, 221
Decimal	13689547
CIELab	88.00, -10.16, 9.20
CIELCh	88, 13.705, 137.838
Yxy	72.0653, 0.3150, 0.3550
Android (android.graphics.Color)	4291879627 (0xFFD0E2CB)
YUV	217.9960, -7.3930, -8.7665
Hunter-Lab	84.8913, -14.1056, 12.6302

Details

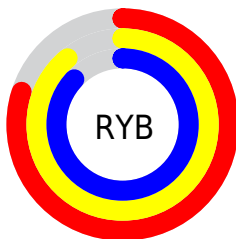
The CIELCh color **88, 13.705, 137.838** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 13.793, 318.719**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 13.785, 137.419** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.269, 137.308**, and if you desaturate by 10%, it is **90, 0.232, 139.246**.

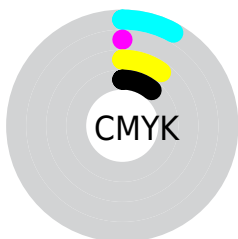
Distribution



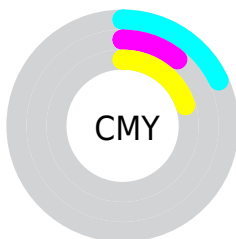
- Red (82%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 13.705, 137.838 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, 13.705, 137.838 by changing the saturation by 10% instead.


 88, 13.705,
137.838


 88, 13.705,
137.838


 100, 13.705,
137.838


 78, 13.705,
137.838

 68, 13.705,
137.838

 58, 13.705,
137.838

 48, 13.705,
137.838

 38, 13.705,
137.838

 28, 13.705,
137.838

 18, 13.705,

137.838

■ 8, 13.705, 137.838

■ 0, 13.705, 137.838

■ 88, 13.705,
137.838

■ 88, 13.705,
137.838

■ 86, 27.269,
137.308

■ 90, 0.232, 139.246

■ 85, 40.775,
136.720

■ 92, 13.057,
318.664

■ 83, 54.029,
136.084

■ 93, 18.173,
325.055

■ 82, 66.762,
135.425

■ 81, 78.609,

134.798

■ 81, 89.088,
134.292

■ 80, 97.623,
134.031

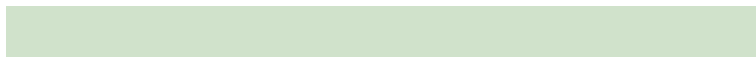
■ 79, 103.670,
134.138

■ 79, 107.201,
134.566

Harmonies

Complementary

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



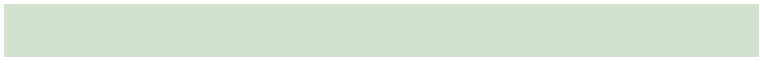
88, 13.705, 137.838



84, 13.793, 318.719

Rectangle

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



88, 13.705, 137.838



88, 13.705, 187.838



88, 13.705, 317.838



88, 13.705, 7.838

Sweetspot

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



88, 13.707, 137.840



99, 4.430, 138.214



88, 9.371, 97.118



53, 3.362, 138.166



0, 0.000, 0.000



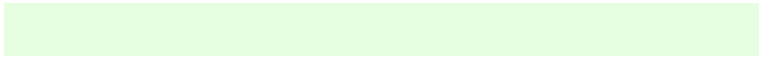
53, 0.007, 296.813

Same Dimension

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



88, 13.707, 137.840



98, 17.840, 137.742



88, 12.153, 152.299



46, 7.600, 137.877



63, 88.739, 134.402



17, 33.403, 135.534

Inverse Universe

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



84, 13.793, 318.719



92, 17.965, 318.806



84, 12.207, 333.619



44, 7.646, 318.685



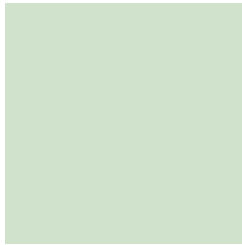
35, 89.378, 320.127



6, 35.321, 320.771

Previews

White Background



This preview shows how the CIELCh color 88, 13.705, 137.838 looks on a white background.

Color Contrast Check

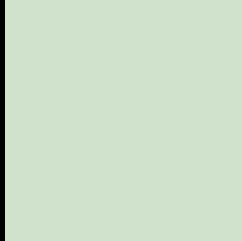
Large Text (above 18pt) WCAG AA × Fail

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, 13.705, 137.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

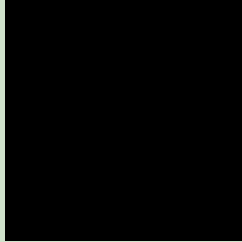
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

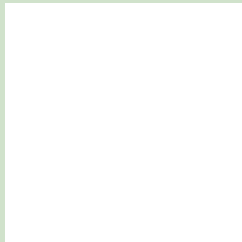
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 13.705, 137.838

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.705, 137.838.

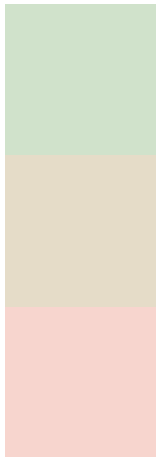


This preview shows how white text looks on a background with the CIELCh color 88, 13.705, 137.838.

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, 13.705, 137.838

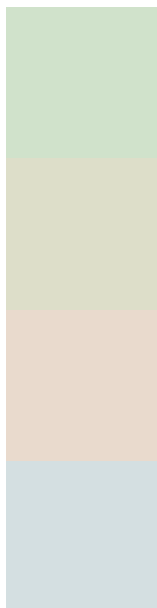
Protanopia
88, 10.919, 91.330

Deuteranopia
88, 13.288, 36.071



Tritanopia
88, 9.153, 275.641

Trichromacy



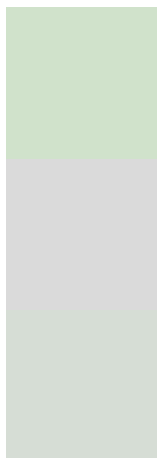
Original Color
88, 13.705, 137.838

Protanomaly
88, 10.921, 111.209

Deuteranomaly
88, 8.762, 69.995

Tritanomaly
88, 3.999, 214.445

Monochromacy



Original Color
88, 13.705, 137.838

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.899, 140.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.705, 137.838 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(208, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 203)  
}
```

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(208, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.705, 137.838 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(208, 226, 203) }
```

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

```
.border{ border-color:rgb(208, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 226, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 226, 203); box-shadow:4px 4px 4px 4px rgb(208, 226, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.705, 137.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 203) }
```

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

```
.background{ background-color: rgb(208,  
226, 203) }
```

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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