

Converting Colors

CIE LCh(88, 23.102, 127.276)

Have a look what the booklet for
CIELCh(88, 23.102, 127.276)
contains.

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Color

CIELCh(88, 22.929, 126.515)

Conversions

Conversions Part 1

Format	Color
Hex	D0E3B9
RGB	208, 227, 185
RGB Percent	82%, 89%, 73%
CMY	0.1832, 0.1086, 0.2734
CMYK	0.08, 0.00, 0.18, 0.11
HSL	87°, 43%, 81%
HSV	87°, 18%, 89%
XYZ	62.4302, 72.0653, 56.6754
YIQ	216.5310, 2.1580, -17.0900

Conversions

Conversions Part 2

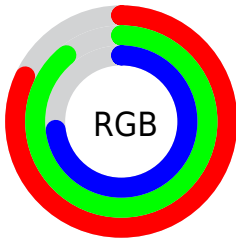
Format	Color
RYB	185, 227, 204
Decimal	13689785
CIELab	88.00, -13.64, 18.43
CIElCh	88, 22.929, 126.515
Yxy	72.0653, 0.3266, 0.3770
Android (android.graphics.Color)	4291879865 (0xFFD0E3B9)
YUV	216.5310, -15.5448, -7.4817
Hunter-Lab	84.8913, -17.2884, 19.8405

Details

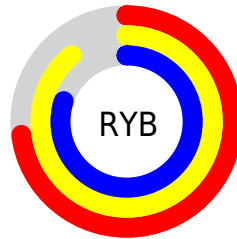
The CIELCh color **88, 22.929, 126.515** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 23.582, 308.301**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **68, 23.107, 127.122** is the 20% darker color. If you saturate the color by 10%, you get **87, 35.259, 126.017**, and if you desaturate by 10%, it is **89, 10.518, 127.008**.

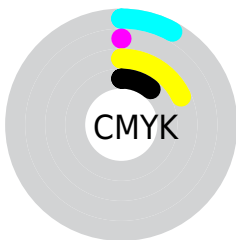
Distribution



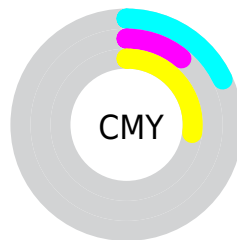
- Red (82%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 22.929, 126.515 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, 22.929, 126.515 by changing the saturation by 10% instead.


 88, 22.929,
126.515


 88, 22.929,
126.515


 100, 22.929,
126.515


 78, 22.929,
126.515

 68, 22.929,
126.515

 58, 22.929,
126.515

 48, 22.929,
126.515

 38, 22.929,
126.515

 28, 22.929,
126.515

 18, 22.929,

126.515

■ 8, 22.929, 126.515

■ 0, 22.929, 126.515

■ 88, 22.929,
126.515

■ 88, 22.929,
126.515

■ 87, 35.259,
126.017

■ 89, 10.518,
127.008

■ 86, 47.368,
125.526

■ 91, 1.888, 307.397

■ 85, 59.062,
125.081

■ 92, 14.221,
307.875

■ 84, 70.055,
124.740

■ 93, 16.320,
319.242

■ 83, 79.944,

■ 93, 17.318,
325.025

124.592

■ 83, 88.209,
124.754

■ 82, 94.330,
125.353

■ 82, 98.164,
126.431

■ 82, 98.658,
126.603

Harmonies

Complementary

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



88, 22.929, 126.515



78, 23.582, 308.301

Rectangle

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



88, 22.929, 126.515



88, 22.929, 176.515



88, 22.929, 306.515



88, 22.929, 356.515

Sweetspot

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



88, 22.931, 126.517



99, 8.159, 127.128



84, 13.355, 67.666



53, 5.413, 127.095



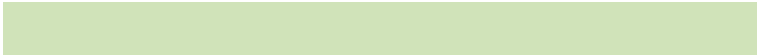
0, 0.000, 0.000



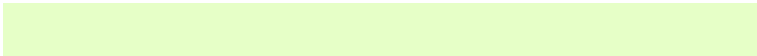
53, 0.007, 296.813

Same Dimension

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



88, 22.931, 126.517



97, 29.948, 126.335



87, 26.461, 142.009



48, 7.098, 126.961



65, 82.151, 126.340



18, 31.829, 125.839

Inverse Universe

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



78, 23.582, 308.301



84, 30.975, 308.503



80, 26.527, 324.044



45, 7.205, 307.827



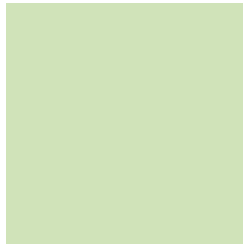
27, 96.429, 310.897



4, 35.334, 309.349

Previews

White Background



This preview shows how the CIELCh color 88, 22.929, 126.515 looks on a white background.

Color Contrast Check

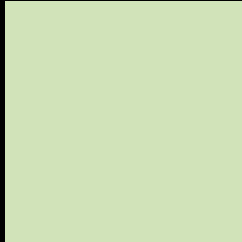
Large Text (above 18pt) WCAG AA × Fail

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, 22.929, 126.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

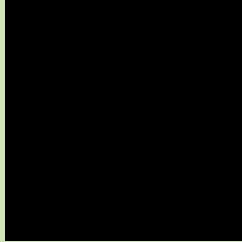
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

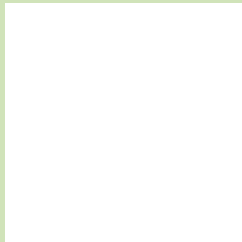
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 22.929, 126.515

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.929, 126.515.

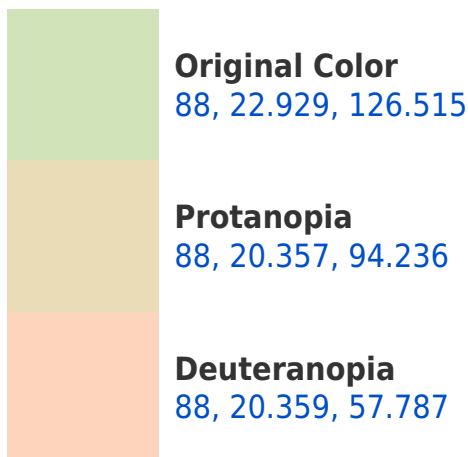


This preview shows how white text looks on a background with the CIELCh color 88, 22.929, 126.515.

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](#).

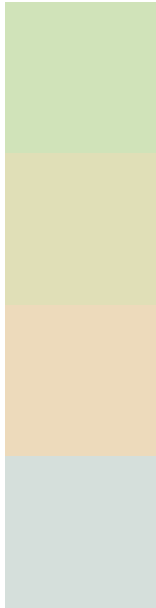
Dichromacy





Tritanopia
88, 9.481, 282.586

Trichromacy



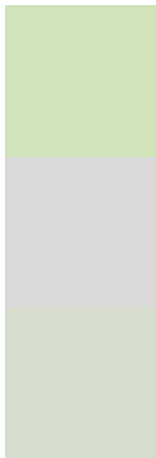
Original Color
88, 22.929, 126.515

Protanomaly
88, 20.721, 107.382

Deuteranomaly
88, 17.718, 84.465

Tritanomaly
88, 4.156, 169.135

Monochromacy



Original Color
88, 22.929, 126.515

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.743, 126.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.929, 126.515 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, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 185)  
}
```

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, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.929, 126.515 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, 227, 185) }
```

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

```
.border{ border-color:rgb(208, 227, 185) }
```

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

Here you see how a box with a 4 pixel rgb(208, 227, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(208, 227,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.929, 126.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 185) }
```

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

```
.background{ background-color: rgb(208,  
227, 185) }
```

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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