

Converting Colors

CIELCh(88, 24.220, 125.801)

Have a look what the booklet for
CIELCh(88, 24.220, 125.801)
contains.

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Color

CIELCh(88, 24.500, 126.163)

Conversions

Conversions Part 1

Format	Color
Hex	D0E4B7
RGB	208, 228, 183
RGB Percent	82%, 89%, 72%
CMY	0.1856, 0.1072, 0.2836
CMYK	0.09, 0.00, 0.20, 0.11
HSL	87°, 45%, 80%
HSV	87°, 20%, 89%
XYZ	62.0803, 72.0653, 55.2588
YIQ	216.8900, 2.5250, -18.2350

Conversions

Conversions Part 2

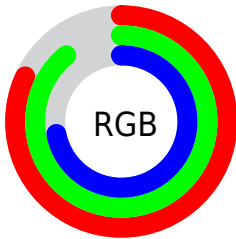
Format	Color
RYB	183, 228, 203
Decimal	13690039
CIELab	88.00, -14.46, 19.78
CIELCh	88, 24.500, 126.163
Yxy	72.0653, 0.3278, 0.3805
Android (android.graphics.Color)	4291880119 (0xFFD0E4B7)
YUV	216.8900, -16.7078, -7.7965
Hunter-Lab	84.8913, -18.0242, 20.8299

Details

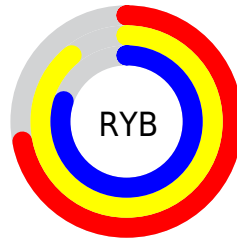
The CIELCh color **88, 24.500, 126.163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 25.259, 308.101**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **68, 24.748, 126.685** is the 20% darker color. If you saturate the color by 10%, you get **87, 36.802, 125.662**, and if you desaturate by 10%, it is **89, 12.101, 126.661**.

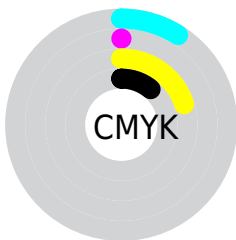
Distribution



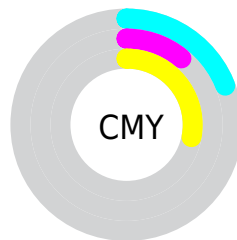
- Red (82%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 24.500, 126.163 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, 24.500, 126.163 by changing the saturation by 10% instead.


 88, 24.500,
126.163


 88, 24.500,
126.163


 100, 24.500,
126.163


 78, 24.500,
126.163

 68, 24.500,
126.163

 58, 24.500,
126.163

 48, 24.500,
126.163

 38, 24.500,
126.163

 28, 24.500,
126.163

 18, 24.500,


126.163


 8, 24.500, 126.163

 0, 24.500, 126.163

 88, 24.500,
126.163


 88, 24.500,
126.163


 87, 36.802,
125.662


 89, 12.101,
126.661


 86, 48.859,
125.172

 91, 0.306, 306.760


 85, 60.469,
124.736

 92, 12.648,
307.545

 84, 71.333,
124.414

 93, 15.887,
317.720

 83, 81.028,

 93, 17.088,
325.017

124.299

■ 83, 89.027,
124.511

■ 82, 94.825,
125.174

■ 82, 98.441,
126.285

■ 82, 98.519,
126.312

Harmonies

Complementary

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



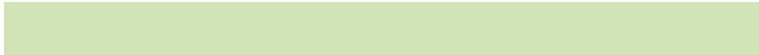
88, 24.500, 126.163



77, 25.259, 308.101

Rectangle

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



88, 24.500, 126.163



88, 24.500, 176.163



88, 24.500, 306.163



88, 24.500, 356.163

Sweetspot

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



88, 24.502, 126.165



99, 8.146, 126.844



83, 14.262, 65.654



53, 5.404, 126.811



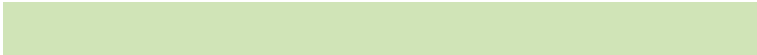
0, 0.000, 0.000



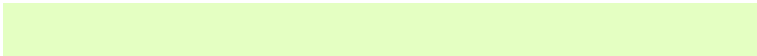
53, 0.007, 296.813

Same Dimension

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



88, 24.502, 126.165



97, 32.597, 125.945



87, 28.183, 141.490



48, 7.086, 126.676



66, 81.938, 126.048



18, 31.753, 125.540

Inverse Universe

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



77, 25.259, 308.101



82, 33.846, 308.350



79, 28.274, 323.634



45, 7.195, 307.551



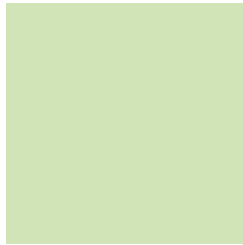
26, 96.589, 310.738



4, 35.286, 309.072

Previews

White Background



This preview shows how the CIELCh color 88, 24.500, 126.163 looks on a white background.

Color Contrast Check

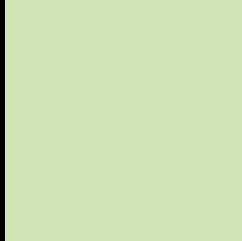
Large Text (above 18pt) WCAG AA × Fail

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, 24.500, 126.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

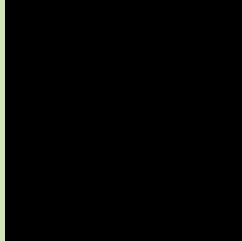
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

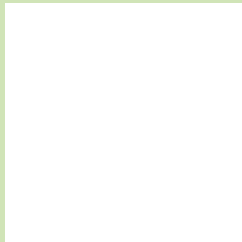
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.500, 126.163

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.500, 126.163.

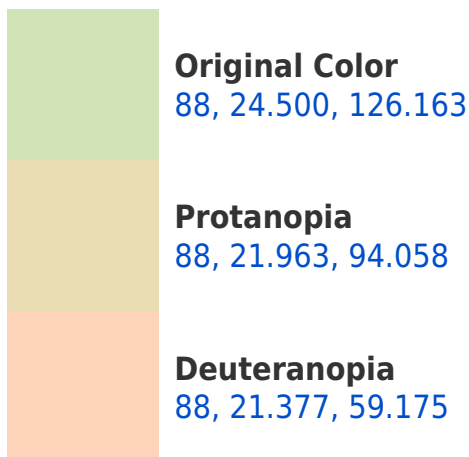


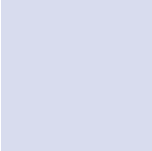
This preview shows how white text looks on a background with the CIELCh color 88, 24.500, 126.163.

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](#).

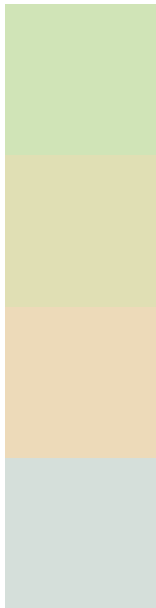
Dichromacy





Tritanopia
88, 9.481, 282.586

Trichromacy



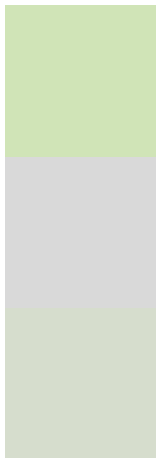
Original Color
88, 24.500, 126.163

Protanomaly
88, 22.264, 107.320

Deuteranomaly
88, 18.679, 85.629

Tritanomaly
88, 4.451, 163.382

Monochromacy



Original Color
88, 24.500, 126.163

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, 24.500, 126.163 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, 228, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 228, 183)  
}
```

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, 228, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 228, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.500, 126.163 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, 228, 183) }
```

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

```
.border{ border-color:rgb(208, 228, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 228, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 228, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 228, 183); box-shadow:4px 4px 4px 4px rgb(208, 228, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.500, 126.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 228, 183) }
```

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

```
.background{ background-color: rgb(208,  
228, 183) }
```

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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