

Converting Colors

CIELCh(88, 6.458, 133.086)

Have a look what the booklet for
CIELCh(88, 6.458, 133.086) contains.

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Color

CIELCh(88, 6.283, 133.509)

Conversions

Conversions Part 1

Format	Color
Hex	D8DFD4
RGB	216, 223, 212
RGB Percent	85%, 87%, 83%
CMY	0.1533, 0.1258, 0.1689
CMYK	0.03, 0.00, 0.05, 0.13
HSL	98°, 15%, 85%
HSV	98°, 5%, 87%
XYZ	66.5321, 72.0653, 72.6353
YIQ	219.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

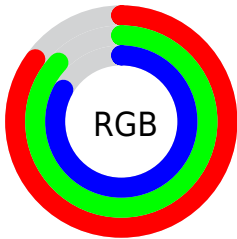
Format	Color
RYB	212, 223, 219
Decimal	14213076
CIELab	88.00, -4.33, 4.56
CIELCh	88, 6.283, 133.509
Yxy	72.0653, 0.3150, 0.3412
Android (android.graphics.Color)	4292403156 (0xFFD8DFD4)
YUV	219.6530, -3.7729, -3.2037
Hunter-Lab	84.8913, -8.6634, 8.6937

Details

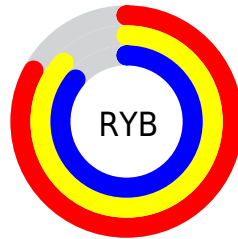
The CIELCh color **88, 6.283, 133.509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.332, 313.865**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 6.631, 133.439** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.101, 133.049**, and if you desaturate by 10%, it is **90, 6.436, 313.860**.

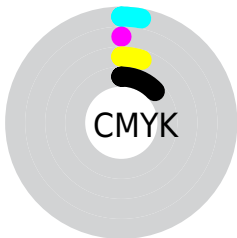
Distribution



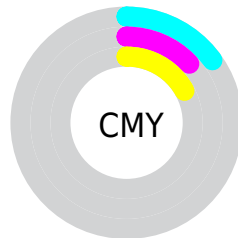
- Red (85%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 6.283, 133.509 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, 6.283, 133.509 by changing the saturation by 10% instead.

■ 88, 6.283, 133.509

■ 88, 6.283, 133.509

■ 100, 6.283,
133.509

■ 78, 6.283, 133.509

■ 68, 6.283, 133.509

■ 58, 6.283, 133.509

■ 48, 6.283, 133.509

■ 38, 6.283, 133.509

■ 28, 6.283, 133.509

■ 18, 6.283, 133.509

■ 8, 6.283, 133.509

■ 0, 6.283, 133.509

88, 6.283, 133.509

88, 6.283, 133.509

86, 19.101,
133.049

90, 6.436, 313.860

85, 31.917,
132.561

91, 18.286,
315.178

84, 44.597,
132.049

92, 20.072,
325.122

83, 56.952,
131.536

82, 68.715,
131.070

81, 79.510,
130.725

80, 88.844,
130.611

79, 96.164,
130.859

■ 79,101.064,
131.567

Harmonies

Complementary

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



88, 6.283, 133.509



86, 6.332, 313.865

Rectangle

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



88, 6.283, 133.509



88, 6.283, 183.509



88, 6.283, 313.509



88, 6.283, 3.509

Sweetspot

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



88, 6.285, 133.514



100, 1.409, 133.787



87, 3.900, 87.678



53, 0.801, 133.796



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, 6.285, 133.514



99, 8.528, 133.461



88, 6.392, 148.058



47, 5.095, 133.435



63, 85.952, 131.796



17, 32.126, 132.195

Inverse Universe

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



86, 6.332, 313.865



96, 8.594, 313.916



86, 6.413, 328.548



45, 5.136, 313.942



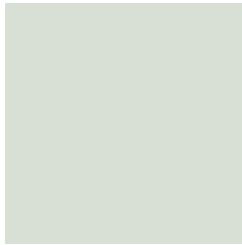
31, 91.755, 315.476



5, 34.434, 315.448

Previews

White Background



This preview shows how the CIELCh color 88, 6.283, 133.509 looks on a white background.

Color Contrast Check

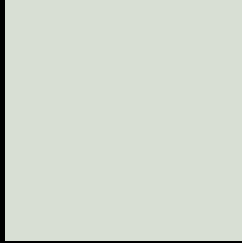
Large Text (above 18pt) WCAG AA × Fail

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, 6.283, 133.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

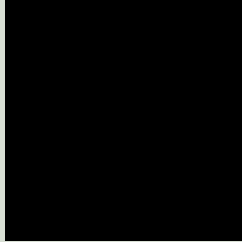
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

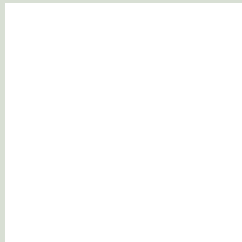
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 6.283, 133.509

Background



This preview shows how black text looks on a background with the CIELCh color 88, 6.283, 133.509.

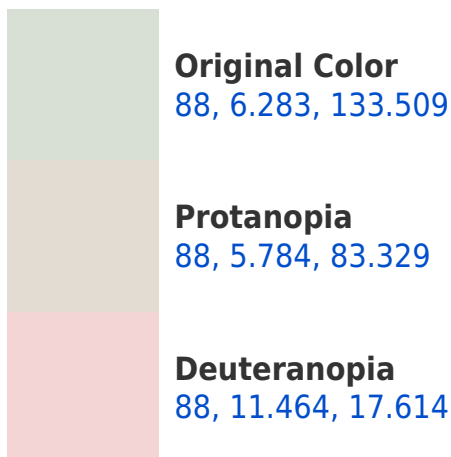


This preview shows how white text looks on a background with the CIELCh color 88, 6.283, 133.509.

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](#).

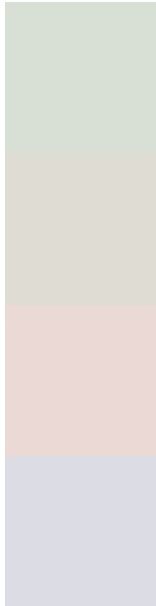
Dichromacy





Tritanopia
88, 9.423, 293.071

Trichromacy



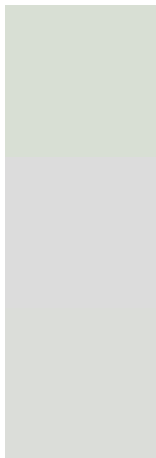
Original Color
88, 6.283, 133.509

Protanomaly
88, 5.242, 101.716

Deuteranomaly
88, 6.577, 38.156

Tritanomaly
88, 4.194, 285.712

Monochromacy



Original Color
88, 6.283, 133.509

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.205, 129.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 6.283, 133.509 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(216, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(216, 223, 212)  
}
```

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(216, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 223, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 6.283, 133.509 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(216, 223, 212) }
```

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

```
.border{ border-color:rgb(216, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 223,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 6.283, 133.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 223, 212) }
```

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

```
.background{ background-color: rgb(216,  
223, 212) }
```

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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