

Converting Colors

CIELCh(88, 4.838, 123.248)

Have a look what the booklet for
CIELCh(88, 4.838, 123.248) contains.

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Color

CIELCh(88, 4.814, 122.845)

Conversions

Conversions Part 1

Format	Color
Hex	DBDED5
RGB	219, 222, 213
RGB Percent	86%, 87%, 84%
CMY	0.1414, 0.1296, 0.1649
CMYK	0.01, 0.00, 0.04, 0.13
HSL	80°, 12%, 85%
HSV	80°, 4%, 87%
XYZ	67.3060, 72.0653, 73.2761
YIQ	220.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

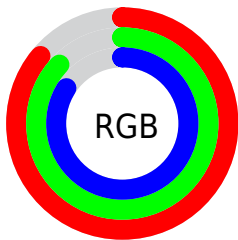
Format	Color
R _Y B	213, 222, 216
Decimal	14409429
CIE Lab	88.00, -2.61, 4.04
CIE LCh	88, 4.814, 122.845
Yxy	72.0653, 0.3165, 0.3389
Android (android.graphics.Color)	4292599509 (0xFFDBDED5)
YUV	220.0770, -3.4890, -0.9445
Hunter-Lab	84.8913, -7.0361, 8.2462

Details

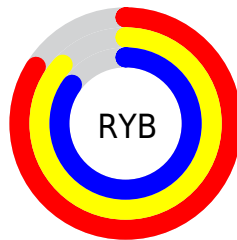
The CIELCh color **88, 4.814, 122.845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 4.870, 303.266**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 5.079, 122.775** is the 20% darker color. If you saturate the color by 10%, you get **87, 16.709, 122.297**, and if you desaturate by 10%, it is **89, 7.073, 303.359**.

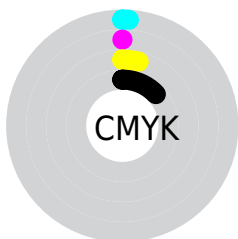
Distribution



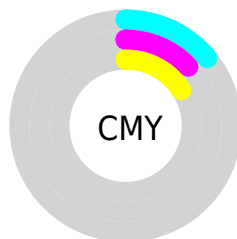
- Red (86%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.814, 122.845 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, 4.814, 122.845 by changing the saturation by 10% instead.

■ 88, 4.814, 122.845

■ 88, 4.814, 122.845

■ 100, 4.814,
122.845

■ 78, 4.814, 122.845

■ 68, 4.814, 122.845

■ 58, 4.814, 122.845

■ 48, 4.814, 122.845

■ 38, 4.814, 122.845

■ 28, 4.814, 122.845

■ 18, 4.814, 122.845

■ 8, 4.814, 122.845

■ 0, 4.814, 122.845

88, 4.814, 122.845

88, 4.814, 122.845

87, 16.709,
122.297

89, 7.073, 303.359

86, 28.532,
121.733

90, 17.726,
304.652

85, 40.179,
121.175

91, 18.479,
312.406

84, 51.495,
120.653

91, 19.540,
319.539

83, 62.248,
120.213

92, 20.683,
325.144

83, 72.096,
119.926

82, 80.577,
119.887

82, 87.157,
120.214

■ 81, 91.437,
121.007

Harmonies

Complementary

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



88, 4.814, 122.845



86, 4.870, 303.266

Rectangle

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



88, 4.814, 122.845



88, 4.814, 172.845



88, 4.814, 302.845



88, 4.814, 352.845

Sweetspot

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



88, 4.816, 122.857



100, 1.320, 123.061



87, 2.672, 55.179



53, 0.750, 123.067



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, 4.816, 122.857



99, 6.647, 122.801



88, 5.442, 139.655



47, 4.084, 122.765



66, 78.166, 121.410



18, 29.328, 121.267

Inverse Universe

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



86, 4.870, 303.266



96, 6.727, 303.324



86, 5.469, 319.939



45, 4.136, 303.361



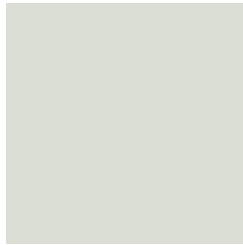
24, 97.681, 308.824



3, 32.460, 304.330

Previews

White Background



This preview shows how the CIELCh color 88, 4.814, 122.845 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, 4.814, 122.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

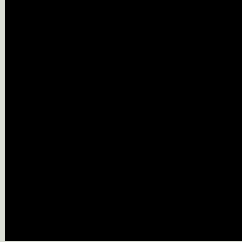
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

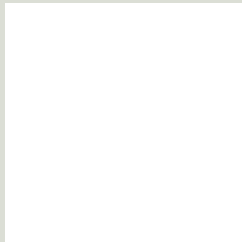
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.814, 122.845

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.814, 122.845.

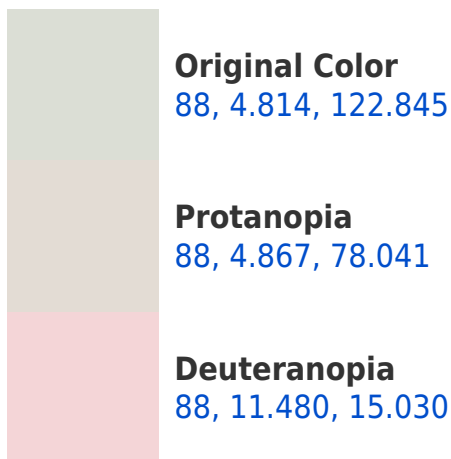


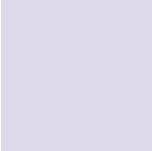
This preview shows how white text looks on a background with the CIELCh color 88, 4.814, 122.845.

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](#).

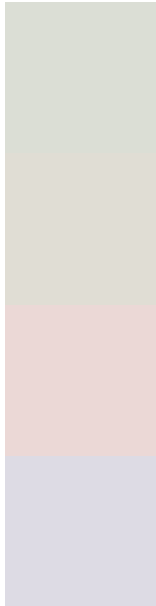
Dichromacy





Tritanopia
88, 9.540, 299.363

Trichromacy



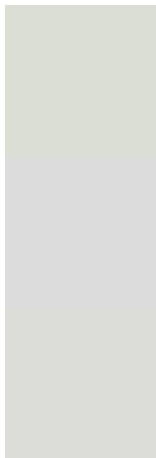
Original Color
88, 4.814, 122.845

Protanomaly
88, 4.793, 96.562

Deuteranomaly
88, 7.049, 28.292

Tritanomaly
88, 4.773, 299.103

Monochromacy



Original Color
88, 4.814, 122.845

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.110, 119.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.814, 122.845 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(219, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 213)  
}
```

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(219, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.814, 122.845 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(219, 222, 213) }
```

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

```
.border{ border-color:rgb(219, 222, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.814, 122.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 213) }
```

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

```
.background{ background-color: rgb(219,  
222, 213) }
```

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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