

Converting Colors

CIELCh(86, 4.845, 122.849)

Have a look what the booklet for
CIELCh(86, 4.845, 122.849) contains.

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Color

CIELCh(86, 4.839, 122.839)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8CF
RGB	213, 216, 207
RGB Percent	84%, 85%, 81%
CMY	0.1635, 0.1517, 0.1870
CMYK	0.01, 0.00, 0.04, 0.15
HSL	80°, 10%, 83%
HSV	80°, 4%, 85%
XYZ	63.4695, 67.9871, 69.0100
YIQ	214.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

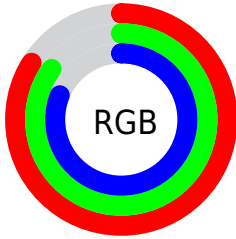
Format	Color
R_YB	207, 216, 210
Decimal	14014671
CIE Lab	86.00, -2.62, 4.07
CIE LCh	86, 4.839, 122.839
Yxy	67.9871, 0.3166, 0.3391
Android (android.graphics.Color)	4292204751 (0xFFD5D8CF)
YUV	214.0770, -3.4890, -0.9445
Hunter-Lab	82.4543, -6.8939, 8.0953

Details

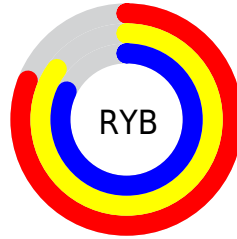
The CIELCh color `86, 4.839, 122.839` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 4.895, 303.272`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 4.577, 124.358` is the 20% darker color. If you saturate the color by 10%, you get `85, 16.488, 122.292`, and if you desaturate by 10%, it is `87, 6.803, 303.352`.

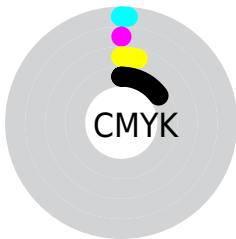
Distribution



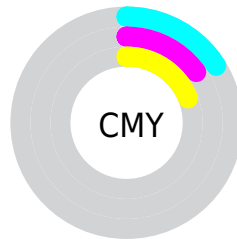
- Red (84%)
- Green (85%)
- Blue (81%)



- Red (81%)
- Yellow (85%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 4.839, 122.839 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 86, 4.839, 122.839 by changing the saturation by 10% instead.

■ 86, 4.839, 122.839

■ 86, 4.839, 122.839

■ 100, 4.839,
122.839

■ 76, 4.839, 122.839

■ 66, 4.839, 122.839

■ 56, 4.839, 122.839

■ 46, 4.839, 122.839

■ 36, 4.839, 122.839

■ 26, 4.839, 122.839

■ 16, 4.839, 122.839

■ 6, 4.839, 122.839

■ 0, 4.839, 122.839

86, 4.839, 122.839

86, 4.839, 122.839

85, 16.488,
122.292

87, 6.803, 303.352

84, 28.066,
121.729

88, 18.394,
303.852

83, 39.472,
121.172

89, 21.257,
309.152

82, 50.552,
120.651

90, 22.122,
315.369

82, 61.080,
120.212

90, 23.224,
321.137

81, 70.724,
119.925

91, 24.227,
325.268

80, 79.030,
119.886

80, 85.477,
120.212

■ 79, 89.676,
121.002

Harmonies

Complementary

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



86, 4.839, 122.839



84, 4.895, 303.272

Rectangle

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



86, 4.839, 122.839



86, 4.839, 172.839



86, 4.839, 302.839



86, 4.839, 352.839

Sweetspot

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



86, 4.841, 122.850



100, 1.320, 123.060



85, 2.687, 55.176



53, 0.750, 123.066



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 4.841, 122.850



99, 6.647, 122.800



86, 5.470, 139.649



45, 3.931, 122.767



64, 76.464, 121.376



16, 26.347, 122.170

Inverse Universe

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



84, 4.895, 303.272



96, 6.727, 303.323



84, 5.497, 319.945



43, 3.980, 303.359



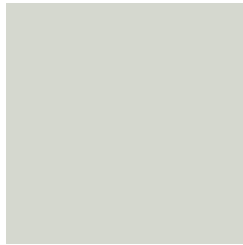
23, 95.552, 308.846



2, 28.175, 302.577

Previews

White Background



This preview shows how the CIELCh color 86, 4.839, 122.839 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 86, 4.839, 122.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

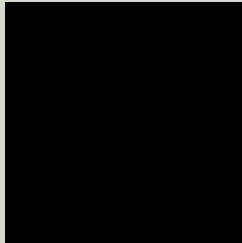
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

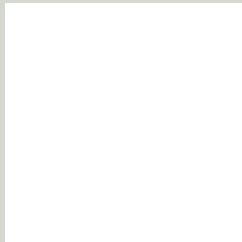
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 4.839, 122.839

Background



This preview shows how black text looks on a background with the CIELCh color 86, 4.839, 122.839.

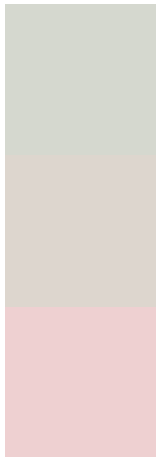


This preview shows how white text looks on a background with the CIELCh color 86, 4.839, 122.839.

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
86, 4.839, 122.839

Protanopia
86, 4.894, 78.022

Deuteranopia
86, 11.142, 17.517



Tritanopia
86, 9.063, 299.834

Trichromacy



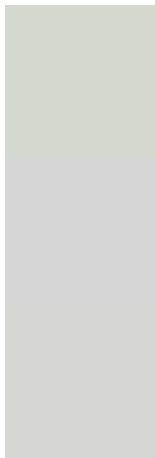
Original Color
86, 4.839, 122.839

Protanomaly
86, 4.819, 96.547

Deuteranomaly
86, 6.824, 33.056

Tritanomaly
86, 4.276, 300.127

Monochromacy



Original Color
86, 4.839, 122.839

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.607, 123.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 4.839, 122.839 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(213, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 207)  
}
```

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(213, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 4.839, 122.839 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(213, 216, 207) }
```

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

```
.border{ border-color:rgb(213, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 4.839, 122.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 207) }
```

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

```
.background{ background-color: rgb(213,  
216, 207) }
```

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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