

Converting Colors

CIELCh(85, 26.420, 120.038)

Have a look what the booklet for
CIELCh(85, 26.420, 120.038)
contains.

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Color

CIELCh(85, 26.072, 119.932)

Conversions

Conversions Part 1

Format	Color
Hex	CCDAA9
RGB	204, 218, 169
RGB Percent	80%, 85%, 66%
CMY	0.1991, 0.1442, 0.3364
CMYK	0.06, 0.00, 0.22, 0.14
HSL	77°, 40%, 76%
HSV	77°, 22%, 86%
XYZ	57.2798, 66.0070, 47.3676
YIQ	208.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

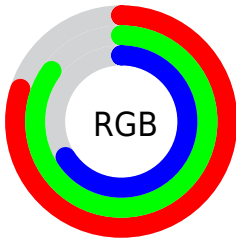
Format	Color
RYB	169, 218, 183
Decimal	13425321
CIELab	85.00, -13.01, 22.59
CIElCh	85, 26.072, 119.932
Yxy	66.0070, 0.3356, 0.3868
Android (android.graphics.Color)	4291615401 (0xFFCCDAA9)
YUV	208.2280, -19.3394, -3.7080
Hunter-Lab	81.2447, -16.3307, 22.3038

Details

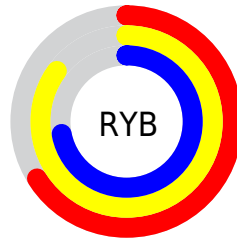
The CIELCh color **85, 26.072, 119.932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 27.263, 302.762**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **65, 25.859, 120.369** is the 20% darker color. If you saturate the color by 10%, you get **84, 37.488, 119.336**, and if you desaturate by 10%, it is **86, 14.497, 120.538**.

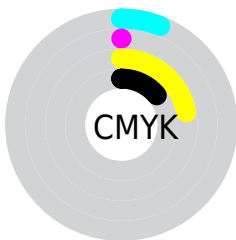
Distribution



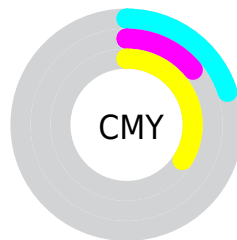
- Red (80%)
- Green (85%)
- Blue (66%)



- Red (66%)
- Yellow (85%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (20%)
- Magenta (14%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.072, 119.932 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 85, 26.072, 119.932 by changing the saturation by 10% instead.


 85, 26.072,
119.932


 85, 26.072,
119.932


 100, 26.072,
119.932


 75, 26.072,
119.932

 65, 26.072,
119.932

 55, 26.072,
119.932

 45, 26.072,
119.932

 35, 26.072,
119.932

 25, 26.072,
119.932

 15, 26.072,

119.932

■ 5, 26.072, 119.932

■ 0, 26.072, 119.932

■ 85, 26.072,
119.932

■ 85, 26.072,
119.932

■ 84, 37.488,
119.336

■ 86, 14.497,
120.538

■ 83, 48.596,
118.769

■ 87, 2.854, 121.140

■ 83, 59.184,
118.275

■ 88, 8.788, 301.682

■ 82, 68.936,
117.917

■ 89, 19.605,
302.608

■ 82, 77.410,

■ 89, 20.125,
308.601

117.783

90, 20.851,
314.305

81, 84.082,
117.981

91, 21.766,
319.642

81, 88.514,
118.611

91, 22.854,
324.567

80, 90.574,
119.336

91, 23.020,
325.226

Harmonies

Complementary

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



85, 26.072, 119.932



72, 27.263, 302.762

Rectangle

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



85, 26.072, 119.932



85, 26.072, 169.932



85, 26.072, 299.932



85, 26.072, 349.932

Sweetspot

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



85, 26.074, 119.935



99, 9.242, 120.861



77, 15.760, 48.258



53, 6.005, 120.825



0, 0.000, 0.000



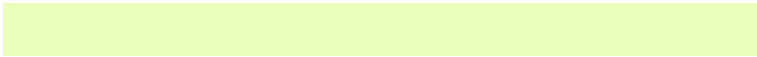
53, 0.007, 296.813

Same Dimension

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



85, 26.074, 119.935



97, 35.492, 119.647



83, 29.521, 137.202



46, 6.633, 120.719



65, 76.191, 119.117



17, 27.507, 119.443

Inverse Universe

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



72, 27.263, 302.762



79, 37.502, 303.140



74, 29.863, 319.294



42, 6.760, 301.837



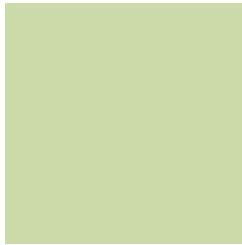
23, 97.431, 308.187



3, 30.140, 302.006

Previews

White Background



This preview shows how the CIELCh color 85, 26.072, 119.932 looks on a white background.

Color Contrast Check

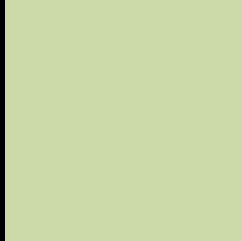
Large Text (above 18pt) WCAG AA × Fail

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 85, 26.072, 119.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

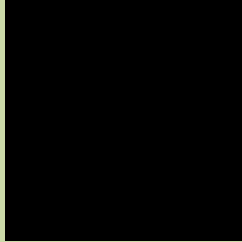
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

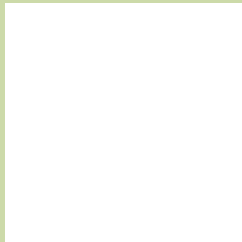
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 26.072, 119.932

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.072, 119.932.



This preview shows how white text looks on a background with the CIELCh color 85, 26.072, 119.932.

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
85, 26.072, 119.932

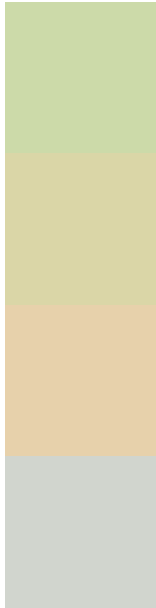
Protanopia
85, 24.647, 95.136

Deuteranopia
85, 23.841, 64.419



Tritanopia
85, 8.996, 295.415

Trichromacy



Original Color
85, 26.072, 119.932

Protanomaly
85, 24.538, 104.396

Deuteranomaly
85, 21.744, 84.983

Tritanomaly
85, 3.961, 131.426

Monochromacy



Original Color
85, 26.072, 119.932

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.640, 120.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.072, 119.932 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(204, 218, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 218, 169)  
}
```

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(204, 218, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 218, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.072, 119.932 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(204, 218, 169) }
```

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

```
.border{ border-color:rgb(204, 218, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 218, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 218, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 218, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 218,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.072, 119.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 218, 169) }
```

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

```
.background{ background-color: rgb(204,  
218, 169) }
```

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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