

Converting Colors

CIELCh(87, 21.880, 121.405)

Have a look what the booklet for
CIELCh(87, 21.880, 121.405)
contains.

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Color

CIELCh(87, 21.862, 121.409)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFB6
RGB	210, 223, 182
RGB Percent	82%, 87%, 71%
CMY	0.1756, 0.1246, 0.2855
CMYK	0.06, 0.00, 0.18, 0.12
HSL	79°, 39%, 79%
HSV	79°, 18%, 88%
XYZ	61.5467, 70.0064, 54.6347
YIQ	214.4390, 5.4130, -15.5070

Conversions

Conversions Part 2

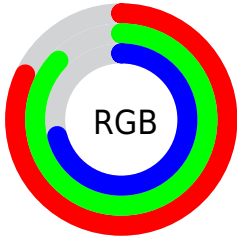
Format	Color
RYB	182, 223, 195
Decimal	13819830
CIELab	87.00, -11.39, 18.66
CIELCh	87, 21.862, 121.409
Yxy	70.0064, 0.3306, 0.3760
Android (android.graphics.Color)	4292009910 (0xFFD2DFB6)
YUV	214.4390, -15.9924, -3.8930
Hunter-Lab	83.6698, -15.1194, 19.8537

Details

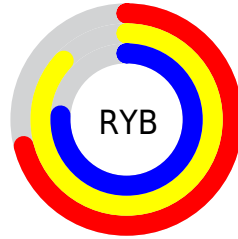
The CIELCh color **87, 21.862, 121.409** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 22.636, 303.569**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **67, 21.960, 121.793** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.641, 120.835**, and if you desaturate by 10%, it is **88, 9.972, 121.986**.

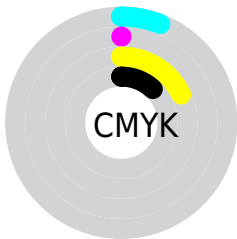
Distribution



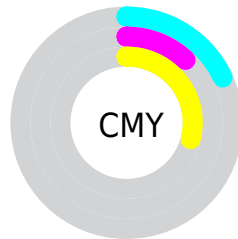
- Red (82%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)




- Cyan (18%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 21.862, 121.409 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 87, 21.862, 121.409 by changing the saturation by 10% instead.

 87, 21.862,
121.409

 87, 21.862,
121.409


 100, 21.862,
121.409

 77, 21.862,
121.409

 67, 21.862,
121.409

 57, 21.862,
121.409

 47, 21.862,
121.409

 37, 21.862,
121.409

 27, 21.862,
121.409

 17, 21.862,

121.409

■ 7, 21.862, 121.409

■ 0, 21.862, 121.409

■ 87, 21.862,
121.409

■ 87, 21.862,
121.409

■ 86, 33.641,
120.835

■ 88, 9.972, 121.986

■ 85, 45.179,
120.276

■ 89, 1.949, 302.501

■ 84, 56.290,
119.771

■ 90, 13.840,
303.050

■ 84, 66.699,
119.375

■ 91, 17.398,
309.001

■ 83, 76.008,

■ 92, 18.288,
316.390

119.169

92, 19.452,
323.086

83, 83.706,
119.258

92, 19.886,
325.116

82, 89.279,
119.757

82, 92.586,
120.711

82, 93.035,
120.879

Harmonies

Complementary

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



87, 21.862, 121.409



76, 22.636, 303.569

Rectangle

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



87, 21.862, 121.409



87, 21.862, 171.409



87, 21.862, 301.409



87, 21.862, 351.409

Sweetspot

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



87, 21.864, 121.412



99, 7.958, 122.119



81, 12.835, 52.296



53, 5.279, 122.081



0, 0.000, 0.000



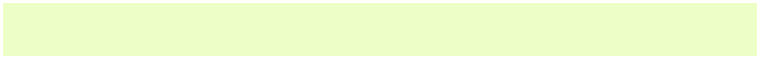
53, 0.007, 296.813

Same Dimension

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



87, 21.864, 121.412



98, 29.135, 121.193



86, 24.835, 138.394



47, 6.792, 121.925



66, 77.762, 120.643



18, 29.199, 120.517

Inverse Universe

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



76, 22.636, 303.569



83, 30.394, 303.836



78, 25.036, 320.127



43, 6.918, 302.985



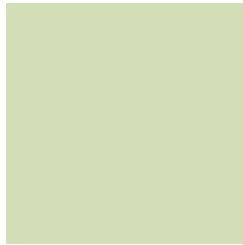
24, 97.973, 308.589



3, 32.388, 303.813

Previews

White Background



This preview shows how the CIELCh color 87, 21.862, 121.409 looks on a white background.

Color Contrast Check

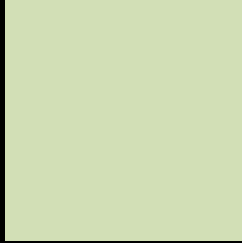
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 21.862, 121.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

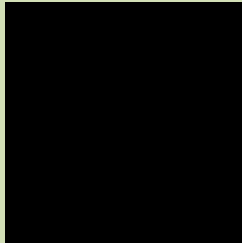
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

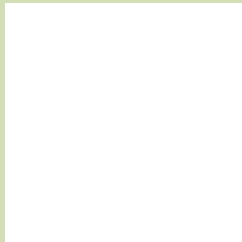
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 21.862, 121.409

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.862, 121.409.

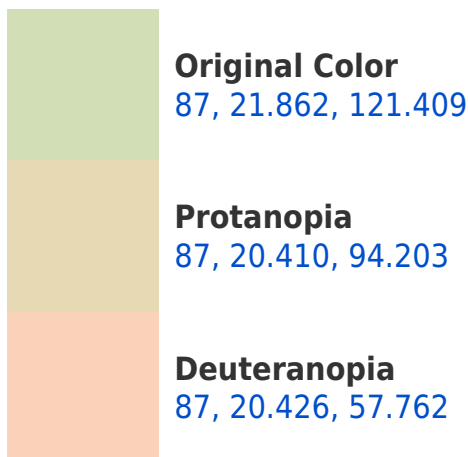


This preview shows how white text looks on a background with the CIELCh color 87, 21.862, 121.409.

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](#).

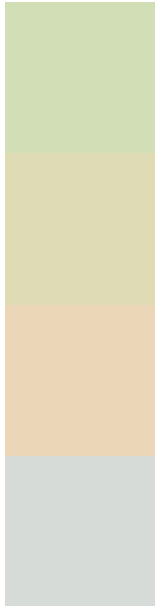
Dichromacy





Tritanopia
87, 8.949, 295.400

Trichromacy



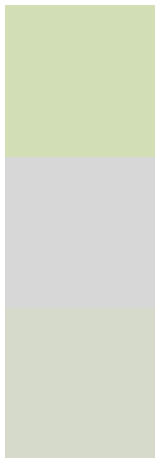
Original Color
87, 21.862, 121.409

Protanomaly
87, 20.321, 104.113

Deuteranomaly
87, 17.843, 80.390

Tritanomaly
87, 2.545, 144.449

Monochromacy



Original Color
87, 21.862, 121.409

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.059, 122.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.862, 121.409 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(210, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 182)  
}
```

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(210, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.862, 121.409 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(210, 223, 182) }
```

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

```
.border{ border-color:rgb(210, 223, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 182);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.862, 121.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 182) }
```

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

```
.background{ background-color: rgb(210,  
223, 182) }
```

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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