

Converting Colors

CIELCh(87, 34.262, 120.131)

Have a look what the booklet for
CIELCh(87, 34.262, 120.131)
contains.

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Color

CIELCh(87, 34.381, 120.435)

Conversions

Conversions Part 1

Format	Color
Hex	CEE2A1
RGB	206, 226, 161
RGB Percent	81%, 89%, 63%
CMY	0.1926, 0.1141, 0.3690
CMYK	0.09, 0.00, 0.29, 0.11
HSL	78°, 53%, 76%
HSV	78°, 29%, 89%
XYZ	59.0115, 70.0064, 44.0708
YIQ	212.6100, 8.9450, -24.4550

Conversions

Conversions Part 2

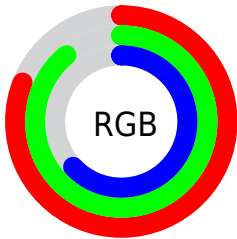
Format	Color
RYB	161, 226, 181
Decimal	13558433
CIELab	87.00, -17.42, 29.64
CIELCh	87, 34.381, 120.435
Yxy	70.0064, 0.3409, 0.4045
Android (android.graphics.Color)	4291748513 (0xFFCEE2A1)
YUV	212.6100, -25.4437, -5.7970
Hunter-Lab	83.6698, -20.5279, 27.3395

Details

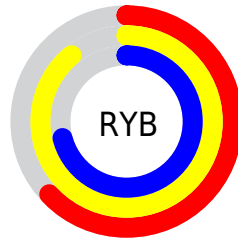
The CIELCh color **87, 34.381, 120.435** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 36.403, 304.015**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **67, 34.485, 120.646** is the 20% darker color. If you saturate the color by 10%, you get **86, 45.995, 119.872**, and if you desaturate by 10%, it is **88, 22.520, 121.023**.

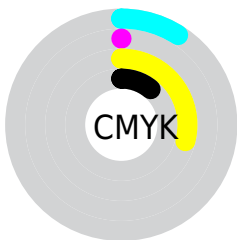
Distribution



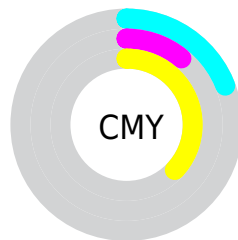
- Red (81%)
- Green (89%)
- Blue (63%)



- Red (63%)
- Yellow (89%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 34.381, 120.435 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, 34.381, 120.435 by changing the saturation by 10% instead.

■ 87, 34.381,
120.435

■ 87, 34.381,
120.435

■ 100, 34.381,
120.435

■ 77, 34.381,
120.435

■ 67, 34.381,
120.435

■ 57, 34.381,
120.435

■ 47, 34.381,
120.435

■ 37, 34.381,
120.435


■ 27, 34.381,
120.435


■ 17, 34.381,


120.435


 7, 34.381, 120.435


 0, 34.381, 120.435


 87, 34.381,
120.435


 87, 34.381,
120.435

 86, 45.995,
119.872


 88, 22.520,
121.023


 85, 57.165,
119.363

 89, 10.536,
121.605


 85, 67.608,
118.966

 90, 1.484, 302.123

 84, 76.917,
118.762

 91, 13.477,
302.689

 84, 84.571,

 92, 15.988,
309.821

118.857

92, 16.912,
317.645

83, 90.054,
119.364

93, 18.116,
324.638

83, 93.270,
120.318

93, 18.202,
325.056

83, 93.603,
120.443

Harmonies

Complementary

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



87, 34.381, 120.435



70, 36.403, 304.015

Rectangle

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



87, 34.381, 120.435



87, 34.381, 170.435



87, 34.381, 300.435



87, 34.381, 350.435

Sweetspot

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



87, 34.383, 120.437



99, 11.924, 121.589



77, 21.194, 49.825



53, 8.286, 121.504



0, 0.000, 0.000



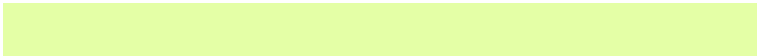
53, 0.007, 296.813

Same Dimension

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



87, 34.383, 120.437



96, 45.947, 120.068



85, 39.090, 137.298



47, 6.782, 121.567



66, 77.539, 120.200



18, 29.128, 120.085

Inverse Universe

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



70, 36.403, 304.015



73, 49.378, 304.542



73, 39.608, 320.089



43, 6.910, 302.644



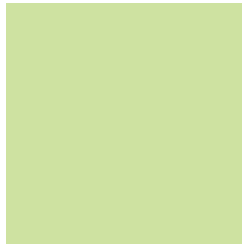
23, 98.135, 308.461



3, 32.350, 303.528

Previews

White Background



This preview shows how the CIELCh color 87, 34.381, 120.435 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 87, 34.381, 120.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

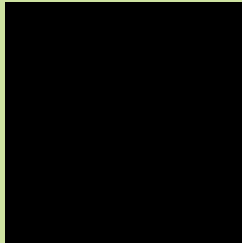
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 34.381, 120.435

Background



This preview shows how black text looks on a background with the CIELCh color 87, 34.381, 120.435.

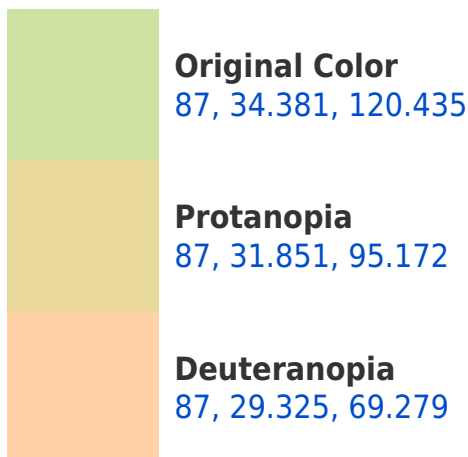


This preview shows how white text looks on a background with the CIELCh color 87, 34.381, 120.435.

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, 8.906, 288.687

Trichromacy



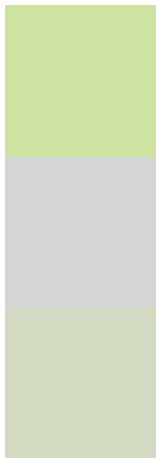
Original Color
87, 34.381, 120.435

Protanomaly
87, 32.069, 104.614

Deuteranomaly
87, 27.977, 89.668

Tritanomaly
87, 7.409, 132.772

Monochromacy



Original Color
87, 34.381, 120.435

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 12.898, 122.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 34.381, 120.435 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(206, 226, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 226, 161)  
}
```

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(206, 226, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 226, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 34.381, 120.435 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(206, 226, 161) }
```

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

```
.border{ border-color:rgb(206, 226, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 226, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 226, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 226, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 226,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 34.381, 120.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 226, 161) }
```

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

```
.background{ background-color: rgb(206,  
226, 161) }
```

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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