

Converting Colors

CIELCh(87, 23.656, 120.293)

Have a look what the booklet for
CIELCh(87, 23.656, 120.293)
contains.

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Color

CIELCh(87, 23.369, 120.482)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFB3
RGB	210, 223, 179
RGB Percent	82%, 87%, 70%
CMY	0.1750, 0.1240, 0.2966
CMYK	0.06, 0.00, 0.20, 0.12
HSL	78°, 41%, 79%
HSV	78°, 20%, 88%
XYZ	61.3500, 70.0064, 53.1219
YIQ	214.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

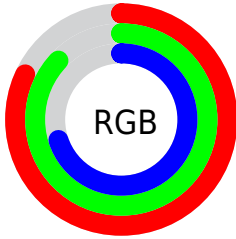
Format	Color
RYB	179, 223, 192
Decimal	13819827
CIELab	87.00, -11.85, 20.14
CIELCh	87, 23.369, 120.482
Yxy	70.0064, 0.3326, 0.3795
Android (android.graphics.Color)	4292009907 (0xFFD2DFB3)
YUV	214.0970, -17.3028, -3.5931
Hunter-Lab	83.6698, -15.5389, 20.9257

Details

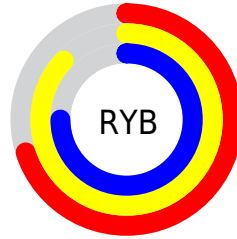
The CIELCh color **87, 23.369, 120.482** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **75, 24.285, 302.900**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **67, 23.533, 120.756** is the 20% darker color. If you saturate the color by 10%, you get **86, 35.082, 119.891**, and if you desaturate by 10%, it is **88, 11.527, 121.079**.

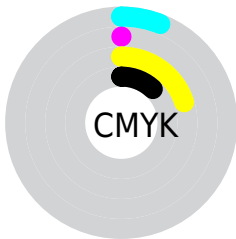
Distribution



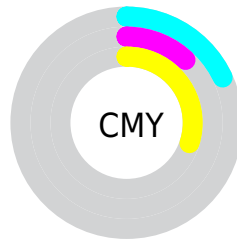
- Red (82%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.369, 120.482 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, 23.369, 120.482 by changing the saturation by 10% instead.

 87, 23.369,
120.482


 87, 23.369,
120.482


 100, 23.369,
120.482


 77, 23.369,
120.482

 67, 23.369,
120.482

 57, 23.369,
120.482

 47, 23.369,
120.482

 37, 23.369,
120.482

 27, 23.369,
120.482

 17, 23.369,

120.482

■ 7, 23.369, 120.482

■ 0, 23.369, 120.482

■ 87, 23.369,
120.482

■ 87, 23.369,
120.482

■ 86, 35.082,
119.891

■ 88, 11.527,
121.079

■ 85, 46.528,
119.319

■ 89, 0.362, 301.508

■ 85, 57.513,
118.808

■ 90, 12.232,
302.191

■ 84, 67.745,
118.414

■ 91, 17.121,
306.979

■ 83, 76.808,

■ 91, 17.871,
314.075

118.221

92, 18.871,
320.593

83, 84.179,
118.332

92, 19.778,
325.112

82, 89.361,
118.859

82, 92.383,
119.808

82, 92.462,
119.837

Harmonies

Complementary

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



87, 23.369, 120.482



75, 24.285, 302.900

Rectangle

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



87, 23.369, 120.482



87, 23.369, 170.482



87, 23.369, 300.482



87, 23.369, 350.482

Sweetspot

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



87, 23.371, 120.485



99, 7.931, 121.294



80, 13.941, 48.380



53, 5.261, 121.256



0, 0.000, 0.000



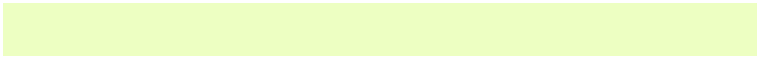
53, 0.007, 296.813

Same Dimension

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



87, 23.371, 120.485



97, 31.643, 120.218



86, 26.385, 137.355



47, 6.769, 121.094



66, 77.250, 119.609



18, 29.037, 119.512

Inverse Universe

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



75, 24.285, 302.900



82, 33.192, 303.235



77, 26.658, 319.171



43, 6.898, 302.195



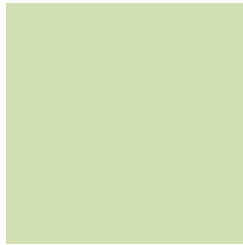
23, 98.342, 308.300



3, 32.302, 303.163

Previews

White Background



This preview shows how the CIELCh color 87, 23.369, 120.482 looks on a white background.

Color Contrast Check

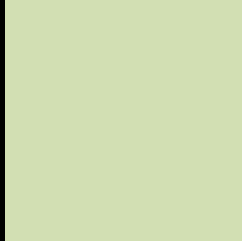
Large Text (above 18pt) WCAG AA × Fail

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, 23.369, 120.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

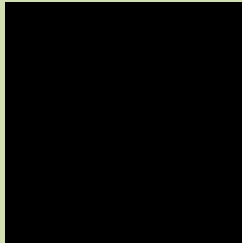
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

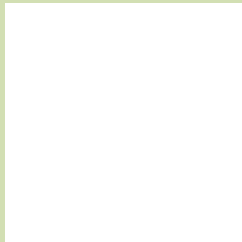
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 23.369, 120.482

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.369, 120.482.



This preview shows how white text looks on a background with the CIELCh color 87, 23.369, 120.482.

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](#).

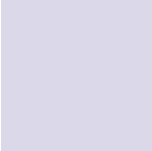
Dichromacy



Original Color
87, 23.369, 120.482

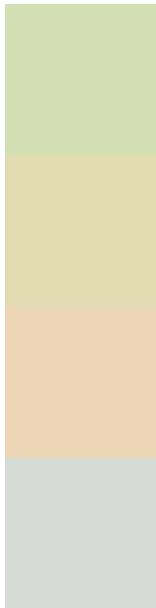
Protanopia
87, 22.020, 94.021

Deuteranopia
87, 21.810, 60.117



Tritanopia
87, 8.949, 295.400

Trichromacy



Original Color
87, 23.369, 120.482

Protanomaly
87, 21.896, 103.257

Deuteranomaly
87, 19.251, 82.372

Tritanomaly
87, 3.459, 134.610

Monochromacy



Original Color
87, 23.369, 120.482

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.498, 119.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.369, 120.482 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.369, 120.482 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, 179) }
```

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

```
.border{ border-color:rgb(210, 223, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 179);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.369, 120.482 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, 179) }
```

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

```
.background{ background-color: rgb(210,  
223, 179) }
```

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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