

Converting Colors

CIELCh(87, 23.847, 125.594)

Have a look what the booklet for
CIELCh(87, 23.847, 125.594)
contains.

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Color

CIELCh(87, 23.949, 125.708)

Conversions

Conversions Part 1

Format	Color
Hex	CEE1B5
RGB	206, 225, 181
RGB Percent	81%, 88%, 71%
CMY	0.1938, 0.1193, 0.2918
CMYK	0.08, 0.00, 0.20, 0.12
HSL	86°, 42%, 79%
HSV	86°, 20%, 88%
XYZ	60.4500, 70.0064, 53.8260
YIQ	214.3030, 2.8000, -17.7120

Conversions

Conversions Part 2

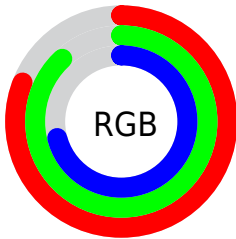
Format	Color
RYB	181, 225, 200
Decimal	13558197
CIELab	87.00, -13.98, 19.45
CIELCh	87, 23.949, 125.708
Yxy	70.0064, 0.3280, 0.3799
Android (android.graphics.Color)	4291748277 (0xFFCEE1B5)
YUV	214.3030, -16.4184, -7.2817
Hunter-Lab	83.6698, -17.4591, 20.4268

Details

The CIELCh color **87, 23.949, 125.708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 24.702, 307.656**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **67, 24.179, 126.229** is the 20% darker color. If you saturate the color by 10%, you get **86, 36.080, 125.203**, and if you desaturate by 10%, it is **88, 11.721, 126.211**.

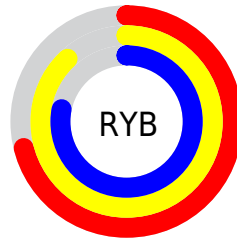
Distribution



Red (81%)

Green (88%)

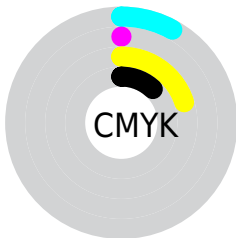
Blue (71%)



Red (71%)

Yellow (88%)

Blue (78%)

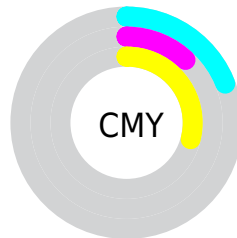


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (12%)



Cyan (19%)


Magenta (12%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.949, 125.708 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, 23.949, 125.708 by changing the saturation by 10% instead.

 87, 23.949,
125.708


 87, 23.949,
125.708


 100, 23.949,
125.708


 77, 23.949,
125.708

 67, 23.949,
125.708

 57, 23.949,
125.708

 47, 23.949,
125.708

 37, 23.949,
125.708

 27, 23.949,
125.708

 17, 23.949,

125.708

■ 7, 23.949, 125.708

■ 0, 23.949, 125.708

■ 87, 23.949,
125.708

■ 87, 23.949,
125.708

■ 86, 36.080,
125.203

■ 88, 11.721,
126.211

■ 85, 47.970,
124.709

■ 89, 0.516, 306.474

■ 84, 59.422,
124.269

■ 91, 12.694,
307.107

■ 83, 70.142,
123.943

■ 92, 17.260,
314.658

■ 82, 79.719,

■ 93, 18.850,
324.263

123.822

93, 19.024,
325.085

82, 87.631,
124.024

81, 93.377,
124.673

81, 96.957,
125.774

81, 97.090,
125.820

Harmonies

Complementary

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



87, 23.949, 125.708



76, 24.702, 307.656

Rectangle

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



87, 23.949, 125.708



87, 23.949, 175.708



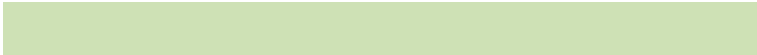
87, 23.949, 305.708



87, 23.949, 355.708

Sweetspot

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



87, 23.951, 125.710



99, 8.125, 126.387



82, 13.902, 63.785



53, 5.390, 126.354



0, 0.000, 0.000



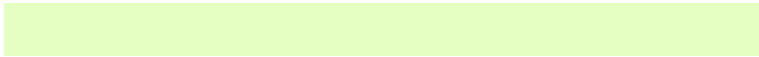
53, 0.007, 296.813

Same Dimension

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



87, 23.951, 125.710



97, 32.504, 125.478



86, 27.476, 141.067



47, 6.938, 126.218



65, 80.718, 125.553



17, 30.176, 125.415

Inverse Universe

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



76, 24.702, 307.656



82, 33.781, 307.921



78, 27.583, 323.144



44, 7.047, 307.105



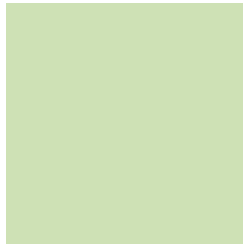
26, 95.805, 310.500



3, 33.013, 307.749

Previews

White Background



This preview shows how the CIELCh color 87, 23.949, 125.708 looks on a white background.

Color Contrast Check

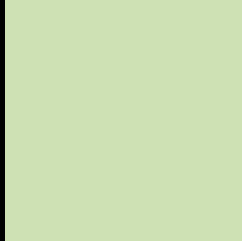
Large Text (above 18pt) WCAG AA × Fail

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, 23.949, 125.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

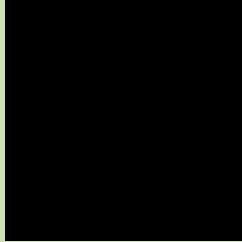
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

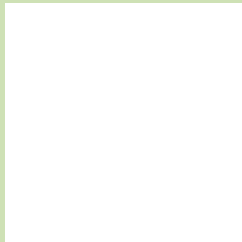
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 23.949, 125.708

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.949, 125.708.

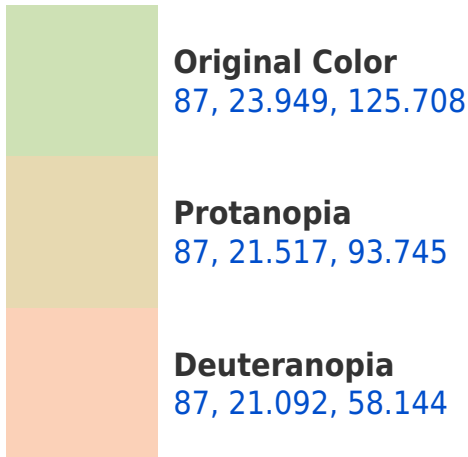


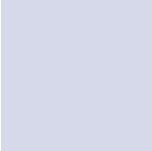
This preview shows how white text looks on a background with the CIELCh color 87, 23.949, 125.708.

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](#).

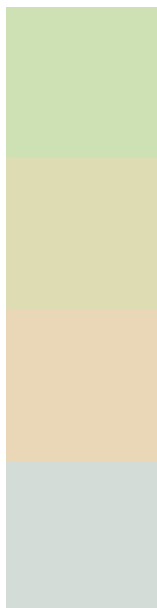
Dichromacy





Tritanopia
87, 8.948, 284.246

Trichromacy



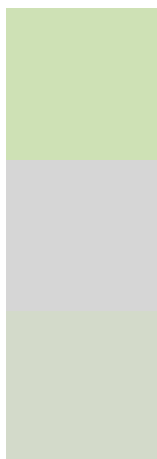
Original Color
87, 23.949, 125.708

Protanomaly
87, 21.811, 106.305

Deuteranomaly
87, 18.248, 85.029

Tritanomaly
87, 4.178, 160.556

Monochromacy



Original Color
87, 23.949, 125.708

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.765, 126.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.949, 125.708 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, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 181)  
}
```

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, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.949, 125.708 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, 225, 181) }
```

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

```
.border{ border-color:rgb(206, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.949, 125.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 181) }
```

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

```
.background{ background-color: rgb(206,  
225, 181) }
```

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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