

Converting Colors

CIELCh(87, 27.347, 118.454)

Have a look what the booklet for
CIELCh(87, 27.347, 118.454)
contains.

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Color

CIELCh(87, 27.369, 118.448)

Conversions

Conversions Part 1

Format	Color
Hex	D3E0AC
RGB	211, 224, 172
RGB Percent	83%, 88%, 67%
CMY	0.1733, 0.1223, 0.3262
CMYK	0.06, 0.00, 0.23, 0.12
HSL	75°, 45%, 78%
HSV	75°, 23%, 88%
XYZ	60.8475, 70.0064, 49.2473
YIQ	214.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

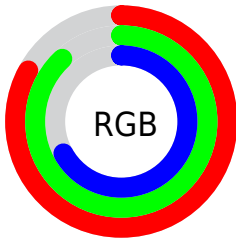
Format	Color
RYB	172, 224, 185
Decimal	13885612
CIELab	87.00, -13.04, 24.06
CIElCh	87, 27.369, 118.448
Yxy	70.0064, 0.3379, 0.3887
Android (android.graphics.Color)	4292075692 (0xFFD3E0AC)
YUV	214.1850, -20.7972, -2.7932
Hunter-Lab	83.6698, -16.6111, 23.6713

Details

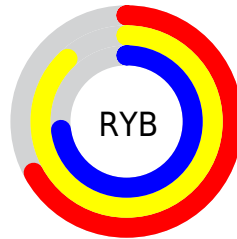
The CIELCh color **87, 27.369, 118.448** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 28.723, 301.584**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **67, 27.696, 118.488** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.927, 117.819**, and if you desaturate by 10%, it is **88, 15.633, 119.091**.

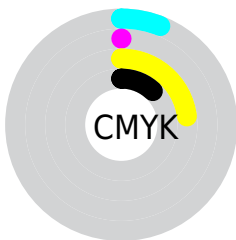
Distribution



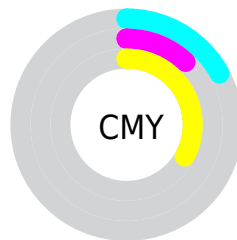
- Red (83%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 27.369, 118.448 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, 27.369, 118.448 by changing the saturation by 10% instead.

 87, 27.369,
118.448

 87, 27.369,
118.448

 100, 27.369,
118.448

 77, 27.369,
118.448

 67, 27.369,
118.448

 57, 27.369,
118.448

 47, 27.369,
118.448

 37, 27.369,
118.448

 27, 27.369,
118.448

 17, 27.369,


118.448


 7, 27.369, 118.448


 0, 27.369, 118.448


 87, 27.369,
118.448


 87, 27.369,
118.448


 86, 38.927,
117.819


 88, 15.633,
119.091


 85, 50.149,
117.221

 89, 3.813, 119.724


 85, 60.810,
116.701

 90, 8.019, 300.315

 84, 70.574,
116.321

 91, 16.571,
302.587

 84, 78.977,

 91, 17.057,
308.953

116.166

92, 17.739,
314.965

83, 85.477,
116.340

92, 18.600,
320.537

83, 89.648,
116.935

92, 19.505,
325.102

83, 91.367,
117.540

Harmonies

Complementary

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



87, 27.369, 118.448



73, 28.723, 301.584

Rectangle

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



87, 27.369, 118.448



87, 27.369, 168.448



87, 27.369, 298.448



87, 27.369, 348.448

Sweetspot

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



87, 27.371, 118.451



99, 9.196, 119.482



78, 16.893, 44.522



53, 5.976, 119.444



0, 0.000, 0.000



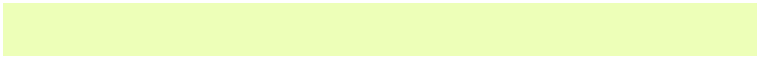
53, 0.007, 296.813

Same Dimension

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



87, 27.371, 118.451



97, 36.581, 118.134



85, 30.852, 136.176



47, 6.726, 119.331



66, 76.248, 117.333



18, 28.725, 117.325

Inverse Universe

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



73, 28.723, 301.584



78, 38.836, 302.013



75, 31.289, 318.297



43, 6.860, 300.526



23, 99.058, 307.765



3, 32.146, 301.895

Previews

White Background



This preview shows how the CIELCh color 87, 27.369, 118.448 looks on a white background.

Color Contrast Check

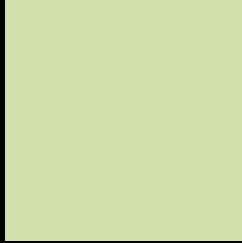
Large Text (above 18pt) WCAG AA × Fail

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, 27.369, 118.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

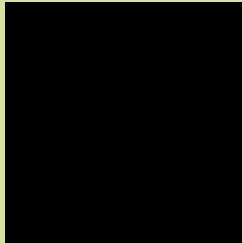
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

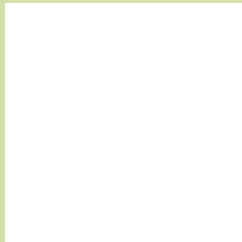
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 27.369, 118.448

Background



This preview shows how black text looks on a background with the CIELCh color 87, 27.369, 118.448.

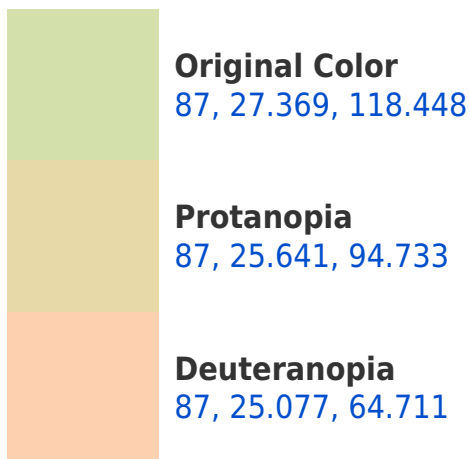


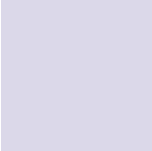
This preview shows how white text looks on a background with the CIELCh color 87, 27.369, 118.448.

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](#).

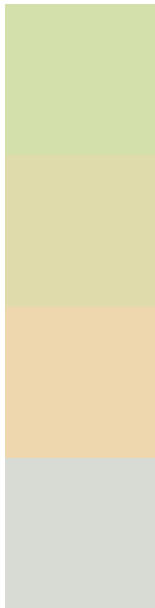
Dichromacy





Tritanopia
87, 8.988, 297.622

Trichromacy



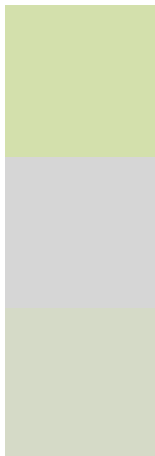
Original Color
87, 27.369, 118.448

Protanomaly
87, 25.489, 103.618

Deuteranomaly
87, 22.935, 84.127

Tritanomaly
87, 4.319, 124.424

Monochromacy



Original Color
87, 27.369, 118.448

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 10.101, 119.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 27.369, 118.448 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(211, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 172)  
}
```

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(211, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 27.369, 118.448 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(211, 224, 172) }
```

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

```
.border{ border-color:rgb(211, 224, 172) }
```

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

Here you see how a box with a 4 pixel rgb(211, 224, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 27.369, 118.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 172) }
```

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

```
.background{ background-color: rgb(211,  
224, 172) }
```

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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