

Converting Colors

CIELCh(87, 25.117, 136.358)

Have a look what the booklet for
CIELCh(87, 25.117, 136.358)
contains.

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Color

CIELCh(87, 25.388, 136.233)

Conversions

Conversions Part 1

Format	Color
Hex	C3E3B8
RGB	195, 227, 184
RGB Percent	76%, 89%, 72%
CMY	0.2353, 0.1098, 0.2784
CMYK	0.14, 0.00, 0.19, 0.11
HSL	105°, 43%, 81%
HSV	105°, 19%, 89%
XYZ	58.6313, 70.0064, 55.7738
YIQ	212.5300, -5.2690, -20.1570

Conversions

Conversions Part 2

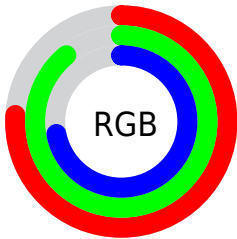
Format	Color
RYB	184, 227, 216
Decimal	12837816
CIELab	87.00, -18.33, 17.56
CIELCh	87, 25.388, 136.233
Yxy	70.0064, 0.3179, 0.3796
Android (android.graphics.Color)	4291027896 (0xFFC3E3B8)
YUV	212.5300, -14.0653, -15.3738
Hunter-Lab	83.6698, -21.3391, 19.0465

Details

The CIELCh color **87, 25.388, 136.233** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 25.696, 317.927**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.681, 117.596**, and **67, 25.601, 136.347** is the 20% darker color. If you saturate the color by 10%, you get **86, 38.801, 135.681**, and if you desaturate by 10%, it is **89, 11.942, 136.740**.

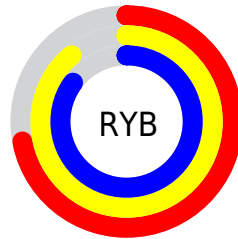
Distribution



Red (76%)

Green (89%)

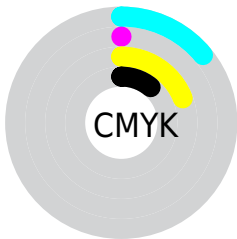
Blue (72%)



Red (72%)

Yellow (89%)

Blue (85%)

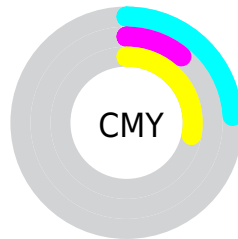


Cyan (14%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.388, 136.233 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, 25.388, 136.233 by changing the saturation by 10% instead.

■ 87, 25.388,
136.233

■ 87, 25.388,
136.233

■ 100, 25.388,
136.233

■ 77, 25.388,
136.233

■ 67, 25.388,
136.233

■ 57, 25.388,
136.233

■ 47, 25.388,
136.233

■ 37, 25.388,
136.233


■ 27, 25.388,
136.233


■ 17, 25.388,


136.233


 7, 25.388, 136.233


 0, 25.388, 136.233

 87, 25.388,
136.233

 87, 25.388,
136.233


 86, 38.801,
135.681


 89, 11.942,
136.740


 84, 51.995,
135.086


 90, 1.414, 317.010

 83, 64.724,
134.478

 92, 14.588,
317.528

 82, 76.648,
133.908

 93, 17.498,
325.031

 81, 87.309,

133.462

■ 80, 96.143,
133.261

■ 80, 102.594,
133.433

■ 80, 106.520,
133.989

■ 80, 106.862,
134.043

Harmonies

Complementary

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



87, 25.388, 136.233



79, 25.696, 317.927

Rectangle

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



87, 25.388, 136.233



87, 25.388, 186.233



87, 25.388, 316.233



87, 25.388, 6.233

Sweetspot

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



87, 25.390, 136.234



99, 8.788, 136.881



86, 17.021, 93.780



53, 5.832, 136.849



0, 0.000, 0.000



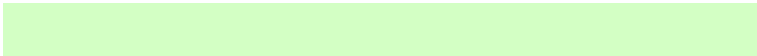
53, 0.007, 296.813

Same Dimension

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



87, 25.390, 136.234



96, 33.894, 136.007



87, 23.342, 150.375



47, 7.654, 136.714



64, 89.077, 133.866



18, 34.624, 134.314

Inverse Universe

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



79, 25.696, 317.927



85, 34.386, 318.114



79, 23.459, 332.949



45, 7.707, 317.503



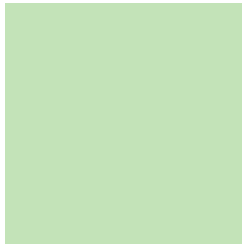
34, 90.901, 318.819



6, 36.924, 319.657

Previews

White Background



This preview shows how the CIELCh color 87, 25.388, 136.233 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, 25.388, 136.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

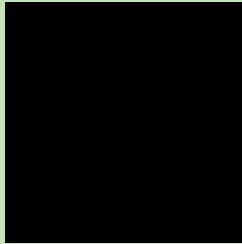
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

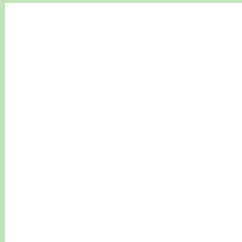
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 25.388, 136.233

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.388, 136.233.

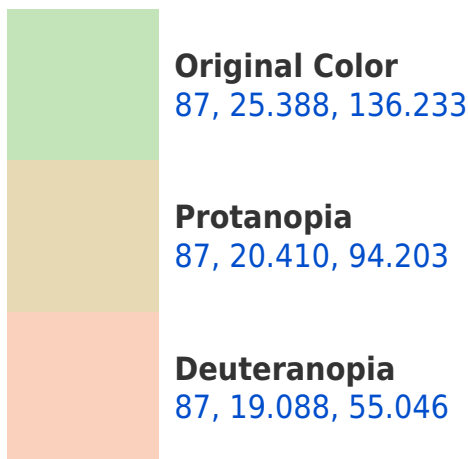


This preview shows how white text looks on a background with the CIELCh color 87, 25.388, 136.233.

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



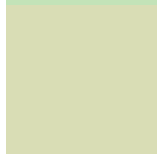


Tritanopia
87, 10.495, 257.418

Trichromacy



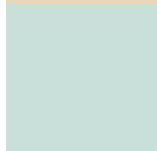
Original Color
87, 25.388, 136.233



Protanomaly
87, 20.825, 112.631



Deuteranomaly
87, 15.913, 90.675

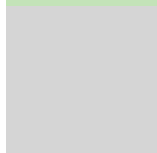


Tritanomaly
87, 8.568, 181.064

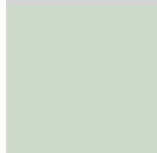
Monochromacy



Original Color
87, 25.388, 136.233



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.490, 136.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.388, 136.233 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(195, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 184)  
}
```

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(195, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.388, 136.233 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(195, 227, 184) }
```

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

```
.border{ border-color:rgb(195, 227, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 227, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 227, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 227, 184); box-shadow:4px 4px 4px 4px rgb(195, 227, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.388, 136.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 227, 184) }
```

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

```
.background{ background-color: rgb(195,  
227, 184) }
```

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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