

Converting Colors

CIELCh(87, 38.479, 129.414)

Have a look what the booklet for
CIELCh(87, 38.479, 129.414)
contains.

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Color

CIELCh(87, 39.038, 129.643)

Conversions

Conversions Part 1

Format	Color
Hex	BFE6A0
RGB	191, 230, 160
RGB Percent	75%, 90%, 63%
CMY	0.2521, 0.0991, 0.3736
CMYK	0.17, 0.00, 0.30, 0.10
HSL	93°, 58%, 76%
HSV	93°, 30%, 90%
XYZ	55.9570, 70.0064, 43.6991
YIQ	210.3590, -0.7740, -30.0380

Conversions

Conversions Part 2

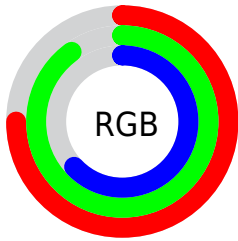
Format	Color
RYB	160, 230, 199
Decimal	12576416
CIELab	87.00, -24.91, 30.06
CIElCh	87, 39.038, 129.643
Yxy	70.0064, 0.3298, 0.4126
Android (android.graphics.Color)	4290766496 (0xFFBFE6A0)
YUV	210.3590, -24.8270, -16.9778
Hunter-Lab	83.6698, -27.0443, 27.6029

Details

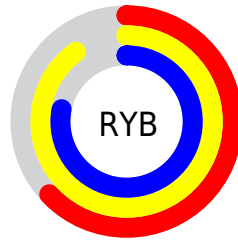
The CIELCh color **87, 39.038, 129.643** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71, 40.514, 312.442**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.409, 115.902**, and **67, 38.687, 129.428** is the 20% darker color. If you saturate the color by 10%, you get **86, 51.567, 129.158**, and if you desaturate by 10%, it is **88, 26.271, 130.133**.

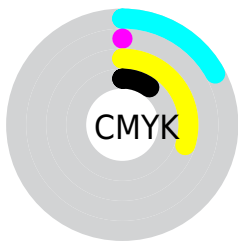
Distribution



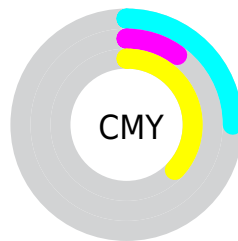
- Red (75%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 39.038, 129.643 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, 39.038, 129.643 by changing the saturation by 10% instead.

■ 87, 39.038,
129.643

■ 87, 39.038,
129.643

■ 100, 39.038,
129.643

■ 77, 39.038,
129.643

■ 67, 39.038,
129.643

■ 57, 39.038,
129.643

■ 47, 39.038,
129.643

■ 37, 39.038,
129.643


■ 27, 39.038,
129.643


■ 17, 39.038,


129.643


 7, 39.038, 129.643


 0, 39.038, 129.643


 87, 39.038,
129.643

 87, 39.038,
129.643

 86, 51.567,
129.158


 88, 26.271,
130.133

 85, 63.629,
128.711

 90, 13.417,
130.603


 84, 74.907,
128.368

 91, 0.585, 131.282

 83, 84.957,
128.225

 93, 12.145,
311.403

 82, 93.233,

 94, 15.741,
324.678

128.408

94, 15.794,
324.970

82, 99.227,
129.040

81, 102.879,
130.031

Harmonies

Complementary

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



87, 39.038, 129.643



71, 40.514, 312.442

Rectangle

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



87, 39.038, 129.643



87, 39.038, 179.643



87, 39.038, 309.643



87, 39.038, 359.643

Sweetspot

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



87, 39.040, 129.644



99, 12.551, 130.668



82, 24.064, 76.669



52, 8.725, 130.601



0, 0.000, 0.000



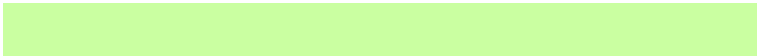
53, 0.007, 296.813

Same Dimension

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



87, 39.040, 129.644



95, 51.433, 129.314



85, 43.204, 143.626



47, 7.273, 130.649



65, 84.949, 129.771



18, 32.861, 129.468

Inverse Universe

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



71, 40.514, 312.442



74, 53.854, 312.777



74, 43.207, 327.518



45, 7.361, 311.436



29, 94.291, 313.305



4, 35.974, 313.075

Previews

White Background



This preview shows how the CIELCh color 87, 39.038, 129.643 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 CIELCh color 87, 39.038, 129.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

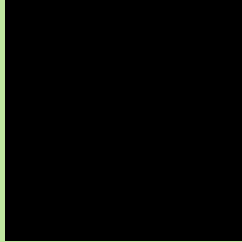
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 39.038, 129.643

Background



This preview shows how black text looks on a background with the CIELCh color 87, 39.038, 129.643.

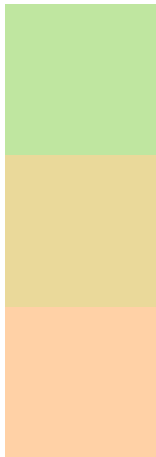


This preview shows how white text looks on a background with the CIELCh color 87, 39.038, 129.643.

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, 39.038, 129.643

Protanopia
87, 33.351, 95.558

Deuteranopia
87, 29.325, 69.279



Tritanopia
87, 10.674, 255.897

Trichromacy



Original Color
87, 39.038, 129.643



Protanomaly
87, 34.049, 109.961



Deuteranomaly
87, 28.159, 95.635

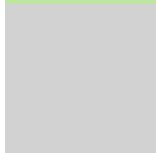


Tritanomaly
87, 12.258, 158.838

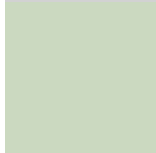
Monochromacy



Original Color
87, 39.038, 129.643



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 14.115, 130.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 39.038, 129.643 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(191, 230, 160)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 160)  
}
```

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(191, 230, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 39.038, 129.643 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(191, 230, 160) }
```

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

```
.border{ border-color:rgb(191, 230, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 230, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 230, 160);  
box-shadow:4px 4px 4px 4px rgb(191, 230,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 39.038, 129.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 160) }
```

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

```
.background{ background-color: rgb(191,  
230, 160) }
```

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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