

Converting Colors

CIELCh(87, 38.723, 130.549)

Have a look what the booklet for
CIELCh(87, 38.723, 130.549)
contains.

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Color

CIELCh(87, 38.724, 130.431)

Conversions

Conversions Part 1

Format	Color
Hex	BEE6A1
RGB	190, 230, 161
RGB Percent	75%, 90%, 63%
CMY	0.2555, 0.0986, 0.3692
CMYK	0.17, 0.00, 0.30, 0.10
HSL	95°, 58%, 77%
HSV	95°, 30%, 90%
XYZ	55.8740, 70.0064, 44.2204
YIQ	210.1740, -1.6910, -29.9390

Conversions

Conversions Part 2

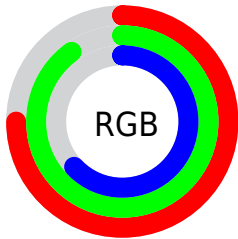
Format	Color
RYB	161, 230, 201
Decimal	12510881
CIELab	87.00, -25.11, 29.48
CIElCh	87, 38.724, 130.431
Yxy	70.0064, 0.3285, 0.4116
Android (android.graphics.Color)	4290700961 (0xFFBEE6A1)
YUV	210.1740, -24.2428, -17.6926
Hunter-Lab	83.6698, -27.2215, 27.2334

Details

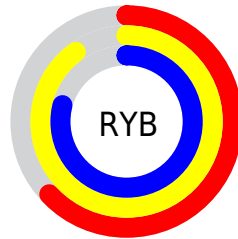
The CIELCh color **87, 38.724, 130.431** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72, 40.074, 313.157**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.966, 117.150**, and **67, 38.371, 130.264** is the 20% darker color. If you saturate the color by 10%, you get **86, 51.360, 129.939**, and if you desaturate by 10%, it is **88, 25.860, 130.922**.

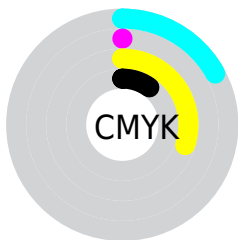
Distribution



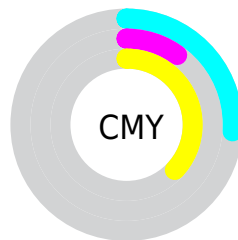
- Red (75%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (79%)



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



- Cyan (26%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 38.724, 130.431 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, 38.724, 130.431 by changing the saturation by 10% instead.

■ 87, 38.724,
130.431

■ 87, 38.724,
130.431

■ 100, 38.724,
130.431

■ 77, 38.724,
130.431

■ 67, 38.724,
130.431

■ 57, 38.724,
130.431

■ 47, 38.724,
130.431

■ 37, 38.724,
130.431


■ 27, 38.724,
130.431


■ 17, 38.724,


130.431


 7, 38.724, 130.431


 0, 38.724, 130.431


 87, 38.724,
130.431


 87, 38.724,
130.431


 86, 51.360,
129.939


 88, 25.860,
130.922


 85, 63.540,
129.479

 90, 12.918,
131.391


 84, 74.946,
129.115

 91, 0.011, 146.316

 83, 85.139,
128.940

 93, 12.784,
312.179

 82, 93.571,

 94, 15.711,
324.967

129.080

■ 82, 99.725,
129.660

■ 81, 103.621,
130.655

Harmonies

Complementary

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



87, 38.724, 130.431



72, 40.074, 313.157

Rectangle

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



87, 38.724, 130.431



87, 38.724, 180.431



87, 38.724, 310.431



87, 38.724, 0.431

Sweetspot

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



87, 38.726, 130.432



99, 12.622, 131.435



82, 23.954, 78.346



52, 8.775, 131.368



0, 0.000, 0.000



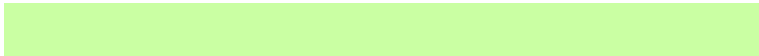
53, 0.007, 296.813

Same Dimension

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



87, 38.726, 130.432



95, 50.389, 130.126



85, 42.106, 144.130



47, 7.314, 131.417



65, 85.523, 130.399



18, 33.085, 130.163

Inverse Universe

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



72, 40.074, 313.157



75, 52.540, 313.454



75, 42.120, 327.991



45, 7.399, 312.194



30, 93.840, 313.891



5, 36.108, 313.879

Previews

White Background



This preview shows how the CIELCh color 87, 38.724, 130.431 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, 38.724, 130.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

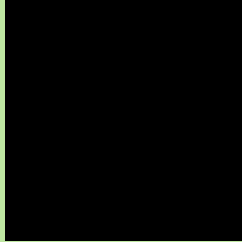
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 38.724, 130.431

Background



This preview shows how black text looks on a background with the CIELCh color 87, 38.724, 130.431.

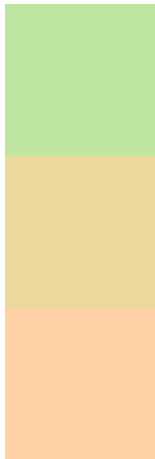


This preview shows how white text looks on a background with the CIELCh color 87, 38.724, 130.431.

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, 38.724, 130.431

Protanopia
87, 32.851, 95.434

Deuteranopia
87, 29.325, 69.279

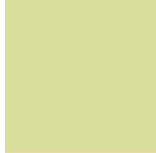


Tritanopia
87, 11.099, 257.538

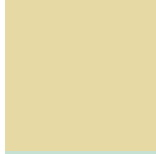
Trichromacy



Original Color
87, 38.724, 130.431



Protanomaly
87, 33.546, 110.041



Deuteranomaly
87, 28.074, 96.430

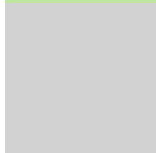


Tritanomaly
87, 11.913, 160.718

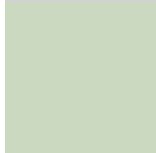
Monochromacy



Original Color
87, 38.724, 130.431



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, 38.724, 130.431 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(190, 230, 161)` looks like.

```
.text, #text, p{  
    color:rgb(190, 230, 161)  
}
```

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(190, 230, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 230, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 38.724, 130.431 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(190, 230, 161) }
```

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

```
.border{ border-color:rgb(190, 230, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 230, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 230, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 230, 161);  
box-shadow:4px 4px 4px 4px rgb(190, 230,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 38.724, 130.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 230, 161) }
```

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

```
.background{ background-color: rgb(190,  
230, 161) }
```

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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