

Converting Colors

CIELCh(87, 25.195, 151.592)

Have a look what the booklet for
CIELCh(87, 25.195, 151.592)
contains.

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Color

CIELCh(87, 25.303, 151.578)

Conversions

Conversions Part 1

Format	Color
Hex	B5E5C2
RGB	181, 229, 194
RGB Percent	71%, 90%, 76%
CMY	0.2889, 0.1006, 0.2379
CMYK	0.21, 0.00, 0.15, 0.10
HSL	136°, 48%, 81%
HSV	136°, 21%, 90%
XYZ	57.0266, 70.0064, 61.7450
YIQ	210.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

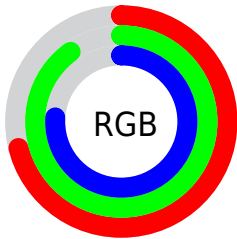
Format	Color
RYB	181, 219, 229
Decimal	11920834
CIELab	87.00, -22.25, 12.04
CIELCh	87, 25.303, 151.578
Yxy	70.0064, 0.3021, 0.3708
Android (android.graphics.Color)	4290110914 (0xFFB5E5C2)
YUV	210.6580, -8.2124, -26.0101
Hunter-Lab	83.6698, -24.7625, 14.8152

Details

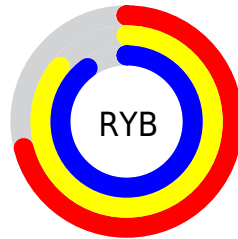
The CIELCh color **87, 25.303, 151.578** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 25.482, 334.554**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.576, 181.022**, and **67, 25.322, 151.556** is the 20% darker color. If you saturate the color by 10%, you get **85, 37.334, 150.643**, and if you desaturate by 10%, it is **89, 13.179, 152.397**.

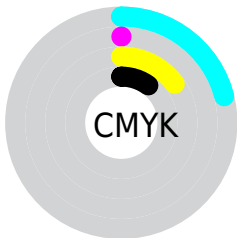
Distribution



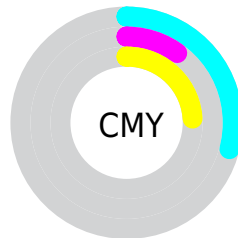
- Red (71%)
- Green (90%)
- Blue (76%)



- Red (71%)
- Yellow (86%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)





- Cyan (29%)
- Magenta (10%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.303, 151.578 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, 25.303, 151.578 by changing the saturation by 10% instead.


 87, 25.303,
151.578


 87, 25.303,
151.578


 100, 25.303,
151.578


 77, 25.303,
151.578

 67, 25.303,
151.578

 57, 25.303,
151.578

 47, 25.303,
151.578

 37, 25.303,
151.578


 27, 25.303,
151.578


 17, 25.303,


151.578


 7, 25.303, 151.578

 0, 25.303, 151.578


 87, 25.303,
151.578


 87, 25.303,
151.578


 85, 37.334,
150.643


 89, 13.179,
152.397


 84, 49.072,
149.565

 91, 1.112, 153.399

 83, 60.295,
148.323

 93, 10.778,
333.650

 82, 70.758,
146.903

 94, 16.026,
324.979

 81, 80.224,

145.303

■ 81, 88.486,
143.542

■ 80, 95.392,
141.676

■ 80, 100.474,
140.018

Harmonies

Complementary

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



87, 25.303, 151.578



79, 25.482, 334.554

Rectangle

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



87, 25.303, 151.578



87, 25.303, 201.578



87, 25.303, 331.578



87, 25.303, 21.578

Sweetspot

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



87, 25.305, 151.577



99, 7.856, 152.775



89, 25.243, 119.262



52, 5.213, 152.724



0, 0.000, 0.000



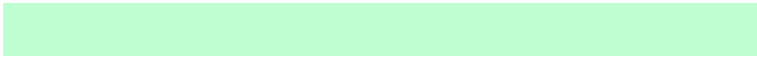
53, 0.007, 296.813

Same Dimension

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



87, 25.305, 151.577



95, 32.929, 151.200



88, 17.669, 178.802



47, 6.843, 152.511



64, 82.662, 140.345



17, 31.800, 144.255

Inverse Universe

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



79, 25.482, 334.554



84, 33.186, 334.865



78, 19.077, 2.904



45, 6.874, 333.729



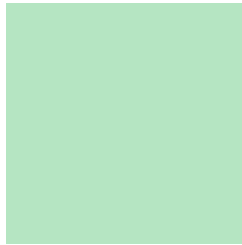
40, 72.033, 342.737



8, 31.085, 339.944

Previews

White Background



This preview shows how the CIELCh color 87, 25.303, 151.578 looks on a white background.

Color Contrast Check

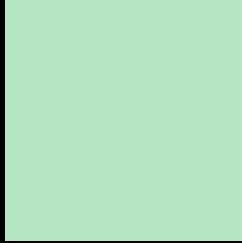
Large Text (above 18pt) WCAG AA × Fail

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, 25.303, 151.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

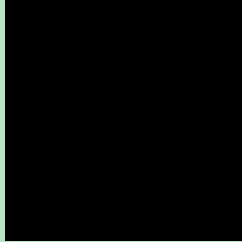
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

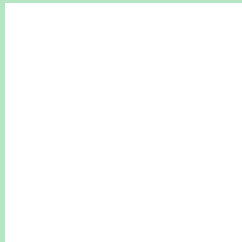
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 25.303, 151.578

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.303, 151.578.

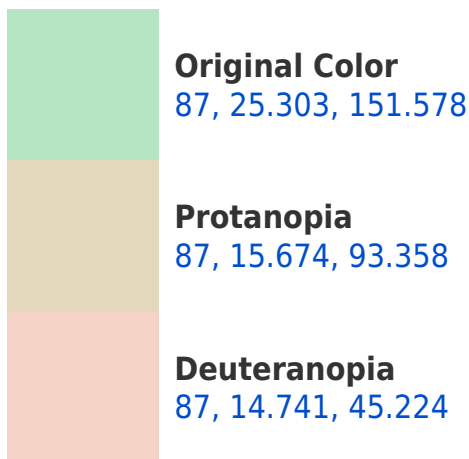


This preview shows how white text looks on a background with the CIELCh color 87, 25.303, 151.578.

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



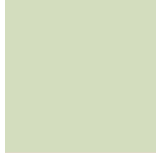


Tritanopia
87, 14.231, 240.508

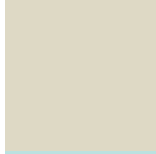
Trichromacy



Original Color
87, 25.303, 151.578



Protanomaly
87, 16.585, 121.874



Deuteranomaly
87, 10.587, 99.106

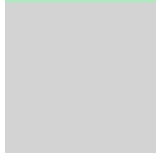


Tritanomaly
87, 13.054, 196.236

Monochromacy



Original Color
87, 25.303, 151.578



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 9.486, 152.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.303, 151.578 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(181, 229, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 229, 194)  
}
```

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(181, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 229, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.303, 151.578 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(181, 229, 194) }
```

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

```
.border{ border-color:rgb(181, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 229,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.303, 151.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 229, 194) }
```

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

```
.background{ background-color: rgb(181,  
229, 194) }
```

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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