

Converting Colors

CIELCh(87, 24.120, 151.367)

Have a look what the booklet for
CIELCh(87, 24.120, 151.367)
contains.

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Color

CIELCh(87, 24.428, 151.281)

Conversions

Conversions Part 1

Format	Color
Hex	B7E5C3
RGB	183, 229, 195
RGB Percent	72%, 90%, 76%
CMY	0.2826, 0.1022, 0.2355
CMYK	0.20, 0.00, 0.15, 0.10
HSL	136°, 47%, 81%
HSV	136°, 20%, 90%
XYZ	57.3640, 70.0064, 62.0872
YIQ	211.3700, -16.5020, -20.3260

Conversions

Conversions Part 2

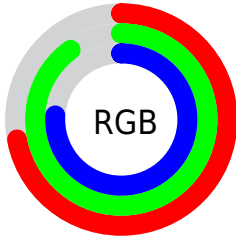
Format	Color
RYB	183, 219, 229
Decimal	12051907
CIELab	87.00, -21.42, 11.74
CIELCh	87, 24.428, 151.281
Yxy	70.0064, 0.3028, 0.3695
Android (android.graphics.Color)	4290241987 (0xFFB7E5C3)
YUV	211.3700, -8.0704, -24.8805
Hunter-Lab	83.6698, -24.0426, 14.5727

Details

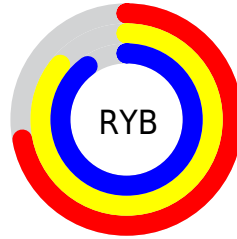
The CIELCh color **87, 24.428, 151.281** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 24.585, 334.097**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.760, 183.761**, and **67, 24.406, 151.290** is the 20% darker color. If you saturate the color by 10%, you get **85, 36.550, 150.362**, and if you desaturate by 10%, it is **89, 12.230, 152.086**.

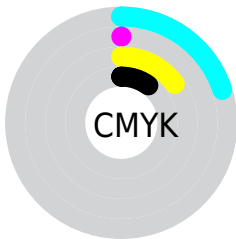
Distribution



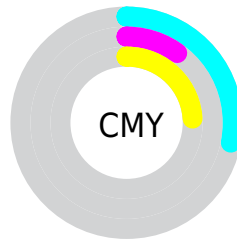
- Red (72%)
- Green (90%)
- Blue (76%)



- Red (72%)
- Yellow (86%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 24.428, 151.281 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, 24.428, 151.281 by changing the saturation by 10% instead.


 87, 24.428,
151.281


 87, 24.428,
151.281


 100, 24.428,
151.281


 77, 24.428,
151.281

 67, 24.428,
151.281

 57, 24.428,
151.281

 47, 24.428,
151.281

 37, 24.428,
151.281


 27, 24.428,
151.281


 17, 24.428,


151.281

 7, 24.428, 151.281

 0, 24.428, 151.281

 87, 24.428,
151.281


 87, 24.428,
151.281


 85, 36.550,
150.362


 89, 12.230,
152.086


 84, 48.397,
149.302

 91, 0.103, 156.267

 83, 59.745,
148.081

 93, 11.836,
333.315

 82, 70.347,
146.683

 94, 16.280,
324.988

 81, 79.959,

145.107

■ 80, 88.363,
143.373

■ 80, 95.389,
141.537

■ 80, 100.959,
139.756

Harmonies

Complementary

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



87, 24.428, 151.281



79, 24.585, 334.097

Rectangle

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



87, 24.428, 151.281



87, 24.428, 201.281



87, 24.428, 331.281



87, 24.428, 21.281

Sweetspot

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



87, 24.430, 151.280



99, 7.913, 152.397



89, 24.141, 118.646



52, 5.251, 152.346



0, 0.000, 0.000



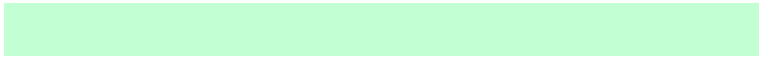
53, 0.007, 296.813

Same Dimension

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



87, 24.430, 151.280



95, 31.851, 150.924



88, 17.123, 177.645



47, 6.893, 152.135



64, 83.187, 140.074



17, 32.005, 143.986

Inverse Universe

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



79, 24.585, 334.097



85, 32.076, 334.391



79, 18.356, 1.577



45, 6.922, 333.343



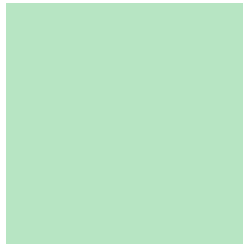
40, 72.521, 342.053



8, 31.278, 339.409

Previews

White Background



This preview shows how the CIELCh color 87, 24.428, 151.281 looks on a white background.

Color Contrast Check

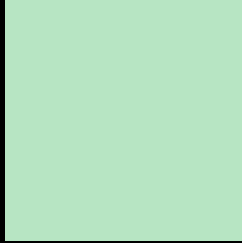
Large Text (above 18pt) WCAG AA × Fail

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, 24.428, 151.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

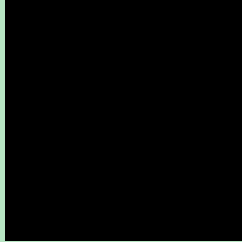
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

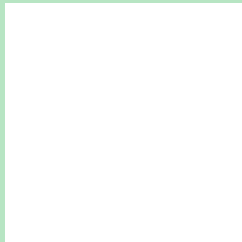
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 24.428, 151.281

Background



This preview shows how black text looks on a background with the CIELCh color 87, 24.428, 151.281.

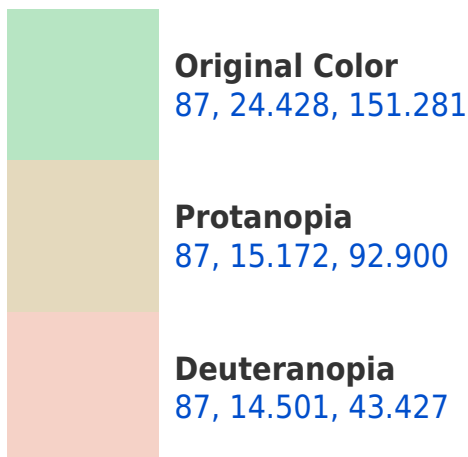


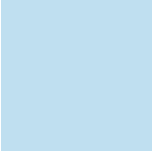
This preview shows how white text looks on a background with the CIELCh color 87, 24.428, 151.281.

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, 13.682, 239.617

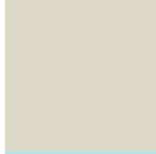
Trichromacy



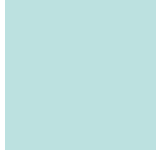
Original Color
87, 24.428, 151.281



Protanomaly
87, 15.991, 121.026



Deuteranomaly
87, 10.073, 98.644

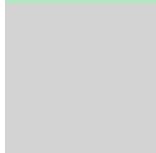


Tritanomaly
87, 12.728, 196.201

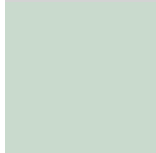
Monochromacy



Original Color
87, 24.428, 151.281



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 9.239, 151.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 24.428, 151.281 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(183, 229, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 195)  
}
```

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(183, 229, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 24.428, 151.281 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(183, 229, 195) }
```

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

```
.border{ border-color:rgb(183, 229, 195) }
```

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

Here you see how a box with a 4 pixel rgb(183, 229, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 229, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 229, 195);  
box-shadow:4px 4px 4px 4px rgb(183, 229,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 24.428, 151.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 229, 195) }
```

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

```
.background{ background-color: rgb(183,  
229, 195) }
```

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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