

Converting Colors

CIELCh(87, 19.299, 165.383)

Have a look what the booklet for
CIELCh(87, 19.299, 165.383)
contains.

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Color

CIELCh(87, 19.423, 165.481)

Conversions

Conversions Part 1

Format	Color
Hex	B6E4D0
RGB	182, 228, 208
RGB Percent	71%, 89%, 82%
CMY	0.2862, 0.1058, 0.1842
CMYK	0.20, 0.00, 0.09, 0.11
HSL	154°, 46%, 80%
HSV	154°, 20%, 89%
XYZ	58.4378, 70.0064, 70.1252
YIQ	211.9660, -20.9960, -15.9720

Conversions

Conversions Part 2

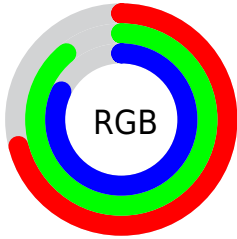
Format	Color
RYB	182, 211, 228
Decimal	11986128
CIELab	87.00, -18.80, 4.87
CIELCh	87, 19.423, 165.481
Yxy	70.0064, 0.2943, 0.3526
Android (android.graphics.Color)	4290176208 (0xFFB6E4D0)
YUV	211.9660, -1.9552, -26.2802
Hunter-Lab	83.6698, -21.7517, 8.8768

Details

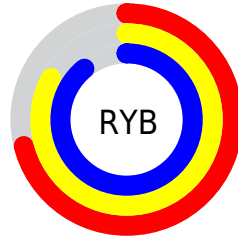
The CIELCh color $87, 19.423, 165.481$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $79, 20.101, 349.206$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.840, 199.149$, and $67, 19.140, 166.471$ is the 20% darker color. If you saturate the color by 10%, you get $85, 28.810, 164.400$, and if you desaturate by 10%, it is $89, 9.832, 166.470$.

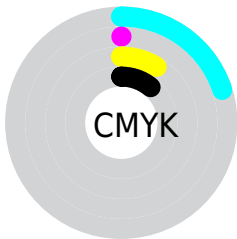
Distribution



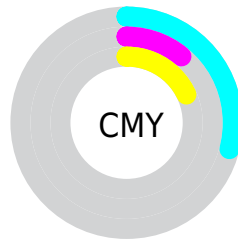
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (83%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.423, 165.481 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, 19.423, 165.481 by changing the saturation by 10% instead.


 87, 19.423,
165.481

 87, 19.423,
165.481


 100, 19.423,
165.481


 77, 19.423,
165.481

 67, 19.423,
165.481

 57, 19.423,
165.481

 47, 19.423,
165.481

 37, 19.423,
165.481


 27, 19.423,
165.481


 17, 19.423,

165.481

 7, 19.423, 165.481


 0, 19.423, 165.481

 87, 19.423,
165.481


 87, 19.423,
165.481

 85, 28.810,
164.400


 89, 9.832, 166.470


 84, 37.836,
163.202


 91, 0.162, 170.235

 83, 46.339,
161.858

 93, 9.480, 348.064

 93, 13.950,
333.823

 82, 54.158,
160.342

 93, 16.856,
325.008

 81, 61.158,

158.630

■ 81, 67.252,
156.705

■ 80, 72.433,
154.566

■ 80, 76.790,
152.328

Harmonies

Complementary

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



87, 19.423, 165.481



79, 20.101, 349.206

Rectangle

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



87, 19.423, 165.481



87, 19.423, 215.481



87, 19.423, 345.481



87, 19.423, 35.481

Sweetspot

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



87, 19.425, 165.479



99, 6.348, 166.877



88, 25.693, 129.899



53, 4.211, 166.811



0, 0.000, 0.000



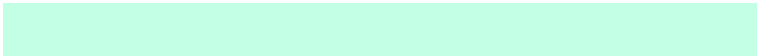
53, 0.007, 296.813

Same Dimension

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



87, 19.425, 165.479



95, 25.232, 165.063



87, 14.776, 203.144



47, 5.517, 166.539



64, 63.442, 152.732



18, 24.632, 156.937

Inverse Universe

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



79, 20.101, 349.206



84, 26.288, 349.645



79, 16.934, 24.861



45, 5.610, 348.110



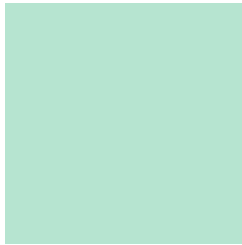
38, 64.624, 8.148



7, 27.093, 359.839

Previews

White Background



This preview shows how the CIE LCh color 87, 19.423, 165.481 looks on a white background.

Color Contrast Check

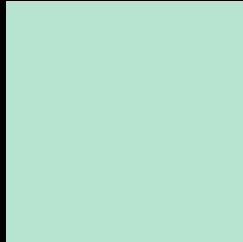
Large Text (above 18pt) WCAG AA × Fail

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, 19.423, 165.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

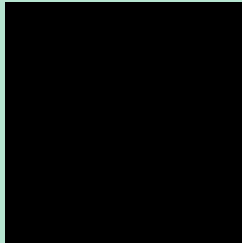
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

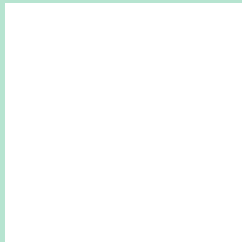
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 19.423, 165.481

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.423, 165.481.

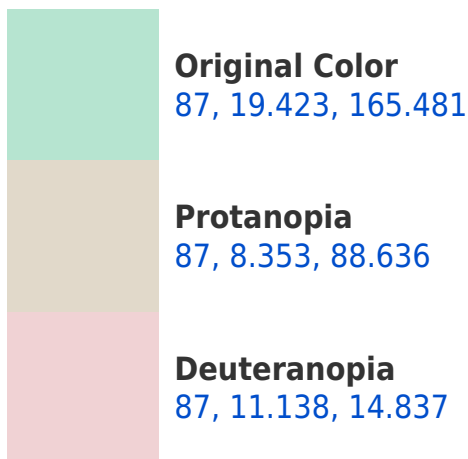


This preview shows how white text looks on a background with the CIELCh color 87, 19.423, 165.481.

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



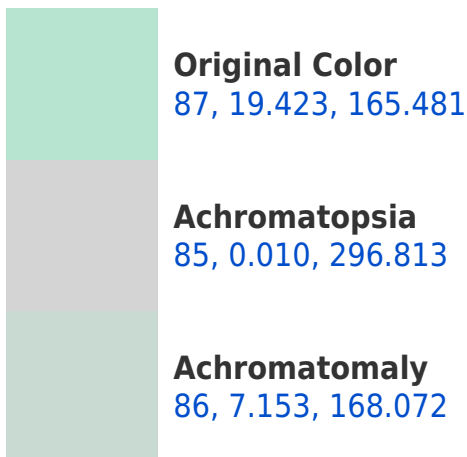


Tritanopia
87, 14.707, 238.857

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.423, 165.481 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(182, 228, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 228, 208)  
}
```

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(182, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 228, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.423, 165.481 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(182, 228, 208) }
```

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

```
.border{ border-color:rgb(182, 228, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 228, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 228,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.423, 165.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 228, 208) }
```

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

```
.background{ background-color: rgb(182,  
228, 208) }
```

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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