

Converting Colors

CIELCh(87, 23.124, 161.624)

Have a look what the booklet for
CIELCh(87, 23.124, 161.624)
contains.

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Color

CIELCh(87, 23.010, 161.626)

Conversions

Conversions Part 1

Format	Color
Hex	B1E5CB
RGB	177, 229, 203
RGB Percent	69%, 90%, 80%
CMY	0.3042, 0.1002, 0.2023
CMYK	0.23, 0.00, 0.11, 0.10
HSL	150°, 50%, 80%
HSV	150°, 23%, 90%
XYZ	57.1956, 70.0064, 67.2615
YIQ	210.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

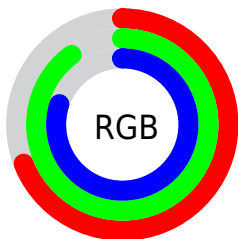
Format	Color
RYB	177, 212, 229
Decimal	11658699
CIELab	87.00, -21.84, 7.25
CIELCh	87, 23.010, 161.626
Yxy	70.0064, 0.2941, 0.3600
Android (android.graphics.Color)	4289848779 (0xFFB1E5CB)
YUV	210.4880, -3.6916, -29.3690
Hunter-Lab	83.6698, -24.4019, 10.9061

Details

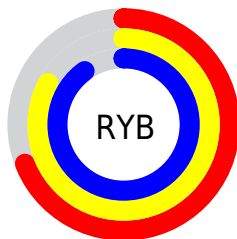
The CIELCh color **87, 23.010, 161.626** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 23.674, 345.668**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **67, 22.873, 162.089** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.923, 160.544**, and if you desaturate by 10%, it is **89, 12.894, 162.599**.

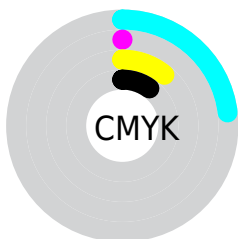
Distribution



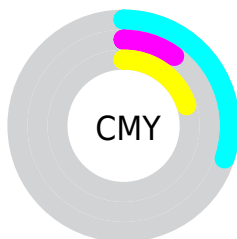
- Red (69%)
- Green (90%)
- Blue (80%)



- Red (69%)
- Yellow (83%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.010, 161.626 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, 23.010, 161.626 by changing the saturation by 10% instead.

■ 87, 23.010,
161.626

■ 87, 23.010,
161.626

■ 100, 23.010,
161.626

■ 77, 23.010,
161.626

■ 67, 23.010,
161.626

■ 57, 23.010,
161.626

■ 47, 23.010,
161.626

■ 37, 23.010,
161.626

■ 27, 23.010,
161.626

■ 17, 23.010,


161.626


 7, 23.010, 161.626

 0, 23.010, 161.626

 87, 23.010,
161.626


 87, 23.010,
161.626

 86, 32.923,
160.544


 89, 12.894,
162.599


 84, 42.466,
159.329

 91, 2.710, 163.593


 83, 51.465,
157.953

 93, 7.427, 344.150


 82, 59.750,
156.392

 94, 13.686,
331.931


 82, 67.180,

 94, 15.974,
324.977

154.623

 81, 73.671,
152.640

 81, 79.220,
150.453

 80, 82.811,
148.792

Harmonies

Complementary

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



87, 23.010, 161.626



78, 23.674, 345.668

Rectangle

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



87, 23.010, 161.626



87, 23.010, 211.626



87, 23.010, 341.626



87, 23.010, 31.626

Sweetspot

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



87, 23.012, 161.624



99, 7.755, 163.124



88, 28.533, 127.430



52, 5.039, 163.067



0, 0.000, 0.000



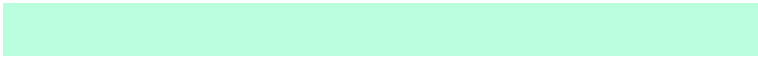
53, 0.007, 296.813

Same Dimension

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



87, 23.012, 161.624



95, 29.778, 161.155



88, 17.458, 196.756



47, 5.779, 162.898



64, 68.057, 149.201



18, 26.272, 153.425

Inverse Universe

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



78, 23.674, 345.668



83, 30.800, 346.139



77, 20.215, 19.808



45, 5.854, 344.393



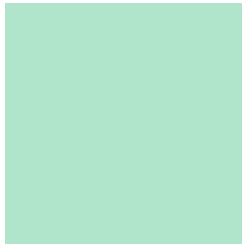
38, 64.860, 1.873



7, 27.613, 354.924

Previews

White Background



This preview shows how the CIE LCh color 87, 23.010, 161.626 looks on a white background.

Color Contrast Check

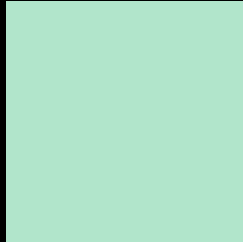
Large Text (above 18pt) WCAG AA × Fail

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, 23.010, 161.626 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

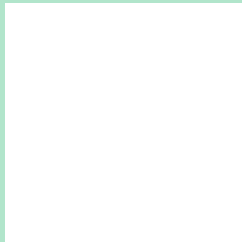
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 23.010, 161.626

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.010, 161.626.

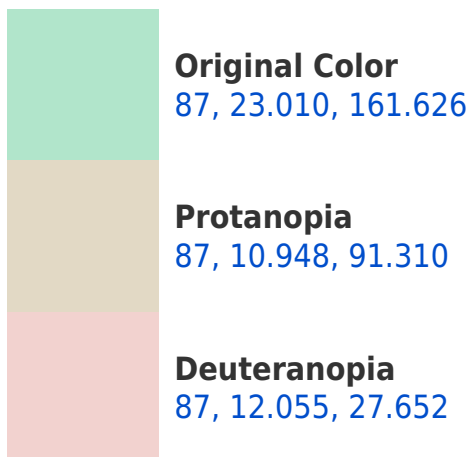


This preview shows how white text looks on a background with the CIELCh color 87, 23.010, 161.626.

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



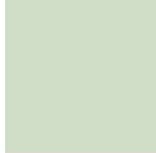


Tritanopia
87, 15.673, 235.869

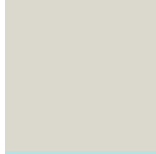
Trichromacy



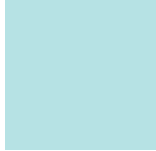
Original Color
87, 23.010, 161.626



Protanomaly
87, 13.089, 132.346



Deuteranomaly
87, 5.778, 102.373

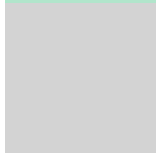


Tritanomaly
87, 14.869, 202.495

Monochromacy



Original Color
87, 23.010, 161.626



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 8.668, 161.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.010, 161.626 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(177, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 229, 203)  
}
```

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(177, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 229, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.010, 161.626 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(177, 229, 203) }
```

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

```
.border{ border-color:rgb(177, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 229,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.010, 161.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 229, 203) }
```

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

```
.background{ background-color: rgb(177,  
229, 203) }
```

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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