

Converting Colors

CIELCh(87, 23.660, 152.923)

Have a look what the booklet for
CIELCh(87, 23.660, 152.923)
contains.

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Color

CIELCh(87, 23.645, 152.945)

Conversions

Conversions Part 1

Format	Color
Hex	B7E5C5
RGB	183, 229, 197
RGB Percent	72%, 90%, 77%
CMY	0.2830, 0.1027, 0.2281
CMYK	0.20, 0.00, 0.14, 0.10
HSL	138°, 47%, 81%
HSV	138°, 20%, 90%
XYZ	57.5130, 70.0064, 63.1980
YIQ	211.5980, -17.1440, -19.7040

Conversions

Conversions Part 2

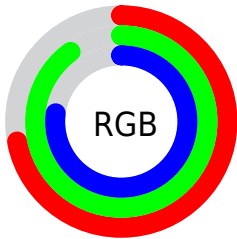
Format	Color
RYB	183, 218, 229
Decimal	12051909
CIELab	87.00, -21.06, 10.75
CIELCh	87, 23.645, 152.945
Yxy	70.0064, 0.3016, 0.3671
Android (android.graphics.Color)	4290241989 (0xFFB7E5C5)
YUV	211.5980, -7.1968, -25.0804
Hunter-Lab	83.6698, -23.7248, 13.7856

Details

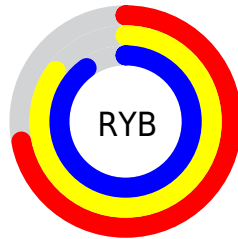
The CIELCh color **87, 23.645, 152.945** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 23.848, 335.875**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.543, 193.894**, and **67, 23.579, 153.050** is the 20% darker color. If you saturate the color by 10%, you get **85, 35.355, 152.003**, and if you desaturate by 10%, it is **89, 11.849, 153.775**.

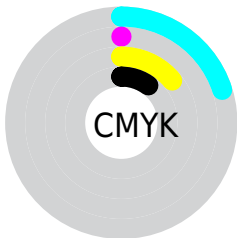
Distribution



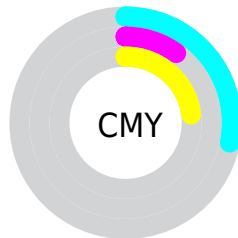
- Red (72%)
- Green (90%)
- Blue (77%)



- Red (72%)
- Yellow (85%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 23.645, 152.945 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, 23.645, 152.945 by changing the saturation by 10% instead.


 87, 23.645,
152.945


 87, 23.645,
152.945


 100, 23.645,
152.945


 77, 23.645,
152.945

 67, 23.645,
152.945

 57, 23.645,
152.945

 47, 23.645,
152.945

 37, 23.645,
152.945


 27, 23.645,
152.945

 17, 23.645,


152.945


 7, 23.645, 152.945


 0, 23.645, 152.945

 87, 23.645,
152.945


 87, 23.645,
152.945


 85, 35.355,
152.003


 89, 11.849,
153.775


 84, 46.791,
150.921

 91, 0.110, 157.863

 83, 57.741,
149.676

 93, 11.457,
335.050

 82, 67.979,
148.250

 94, 16.360,
324.991

 81, 77.283,

146.634

■ 80, 85.469,
144.840

■ 80, 92.409,
142.908

■ 80, 98.066,
140.987

Harmonies

Complementary

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



87, 23.645, 152.945



79, 23.848, 335.875

Rectangle

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



87, 23.645, 152.945



87, 23.645, 202.945



87, 23.645, 332.945



87, 23.645, 22.945

Sweetspot

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



87, 23.647, 152.944



99, 7.665, 154.097



89, 24.327, 120.638



52, 5.086, 154.044



0, 0.000, 0.000



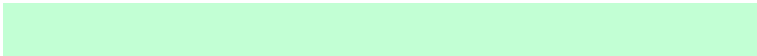
53, 0.007, 296.813

Same Dimension

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



87, 23.647, 152.944



95, 30.823, 152.579



88, 16.649, 181.443



47, 6.676, 153.826



64, 80.797, 141.331



17, 31.073, 145.252

Inverse Universe

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



79, 23.848, 335.875



85, 31.123, 336.187



79, 18.063, 5.286



45, 6.711, 335.080



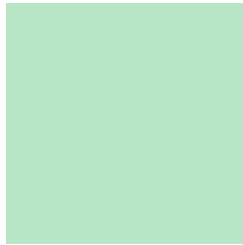
40, 70.471, 345.151



7, 30.450, 341.827

Previews

White Background



This preview shows how the CIELCh color 87, 23.645, 152.945 looks on a white background.

Color Contrast Check

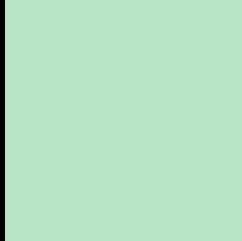
Large Text (above 18pt) WCAG AA × Fail

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, 23.645, 152.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

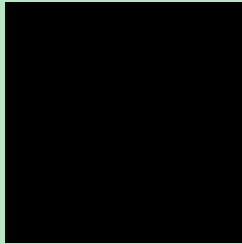
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

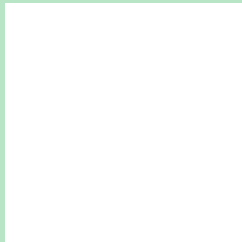
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 23.645, 152.945

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.645, 152.945.

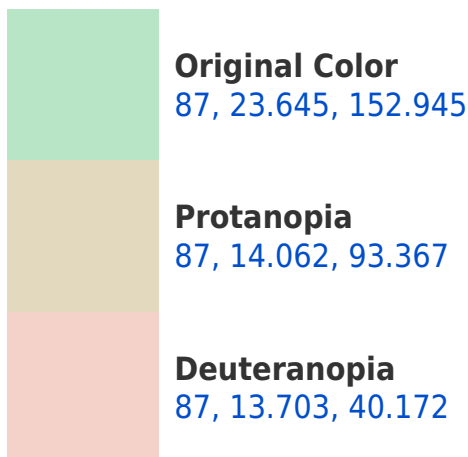


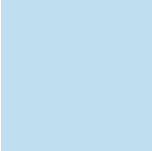
This preview shows how white text looks on a background with the CIELCh color 87, 23.645, 152.945.

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](#).

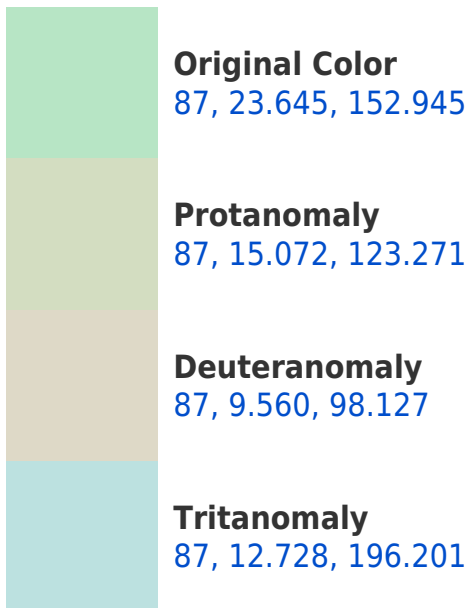
Dichromacy



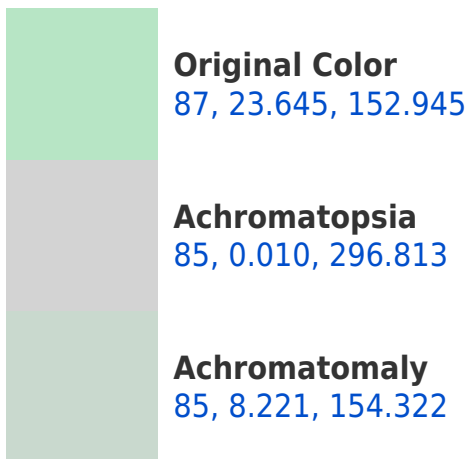


Tritanopia
87, 13.682, 239.617

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.645, 152.945 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.645, 152.945 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, 197) }
```

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

```
.border{ border-color:rgb(183, 229, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 229, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 229, 197); box-shadow:4px 4px 4px 4px rgb(183, 229, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.645, 152.945 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, 197) }
```

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

```
.background{ background-color: rgb(183,  
229, 197) }
```

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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