

Converting Colors

CIELCh(88, 24.155, 157.668)

Have a look what the booklet for
CIELCh(88, 24.155, 157.668)
contains.

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Color

CIELCh(88, 23.734, 158.272)

Conversions

Conversions Part 1

Format	Color
Hex	B5E8CB
RGB	181, 232, 203
RGB Percent	71%, 91%, 80%
CMY	0.2891, 0.0890, 0.2028
CMYK	0.22, 0.00, 0.12, 0.09
HSL	146°, 53%, 81%
HSV	146°, 22%, 91%
XYZ	58.8782, 72.0653, 67.4880
YIQ	213.4450, -21.0870, -19.8310

Conversions

Conversions Part 2

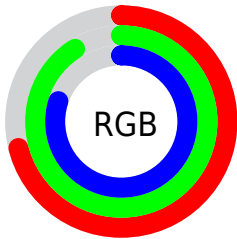
Format	Color
RYB	181, 217, 232
Decimal	11921611
CIELab	88.00, -22.05, 8.79
CIElCh	88, 23.734, 158.272
Yxy	72.0653, 0.2967, 0.3632
Android (android.graphics.Color)	4290111691 (0xFFB5E8CB)
YUV	213.4450, -5.1494, -28.4543
Hunter-Lab	84.8913, -24.7571, 12.2887

Details

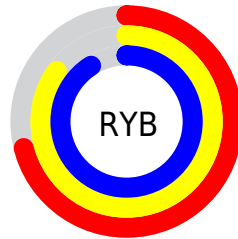
The CIELCh color **88, 23.734, 158.272** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 24.201, 341.933**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **68, 23.637, 158.572** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.377, 157.234**, and if you desaturate by 10%, it is **90, 12.931, 159.198**.

Distribution



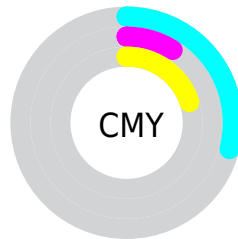
- Red (71%)
- Green (91%)
- Blue (80%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 23.734, 158.272 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 88, 23.734, 158.272 by changing the saturation by 10% instead.


 88, 23.734,
158.272

 88, 23.734,
158.272


 100, 23.734,
158.272


 78, 23.734,
158.272

 68, 23.734,
158.272

 58, 23.734,
158.272

 48, 23.734,
158.272

 38, 23.734,
158.272


 28, 23.734,
158.272

 18, 23.734,


158.272


 8, 23.734, 158.272

 0, 23.734, 158.272

 88, 23.734,
158.272

 88, 23.734,
158.272

 86, 34.377,
157.234


 90, 12.931,
159.198


 85, 44.683,
156.058

 92, 2.106, 160.180

 84, 54.467,
154.716

 94, 8.625, 340.657

 83, 63.537,
153.186

 94, 14.174,
324.912

 82, 71.731,

151.450

■ 82, 78.934,
149.504

■ 81, 85.115,
147.369

■ 81, 89.450,
145.595

Harmonies

Complementary

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



88, 23.734, 158.272



79, 24.201, 341.933

Rectangle

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



88, 23.734, 158.272



88, 23.734, 208.272



88, 23.734, 338.272



88, 23.734, 28.272

Sweetspot

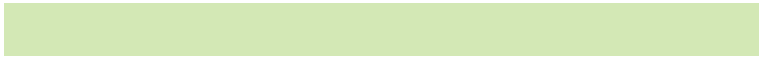
The Sweet Spot groups the original color and five complimentary colors.



88, 23.736, 158.271



98, 8.150, 159.632



89, 27.497, 125.020



52, 5.297, 159.578



0, 0.000, 0.000



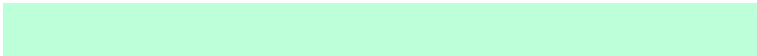
53, 0.007, 296.813

Same Dimension

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



88, 23.736, 158.271



95, 30.266, 157.853



89, 17.422, 190.908



48, 6.187, 159.417



65, 73.598, 145.985



19, 29.025, 149.917

Inverse Universe

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



79, 24.201, 341.933



83, 30.961, 342.328



78, 19.700, 14.517



46, 6.246, 340.829



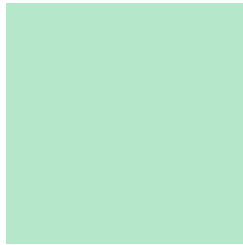
39, 66.744, 355.591



8, 29.385, 350.178

Previews

White Background



This preview shows how the CIELCh color 88, 23.734, 158.272 looks on a white background.

Color Contrast Check

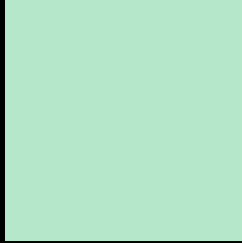
Large Text (above 18pt) WCAG AA × Fail

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 88, 23.734, 158.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

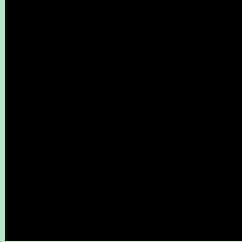
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

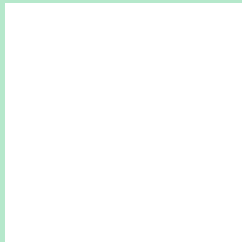
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 23.734, 158.272

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.734, 158.272.

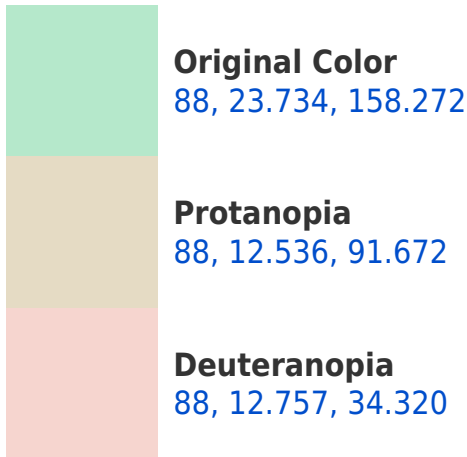


This preview shows how white text looks on a background with the CIELCh color 88, 23.734, 158.272.

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



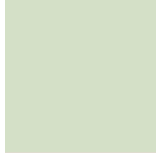


Tritanopia
88, 15.166, 237.283

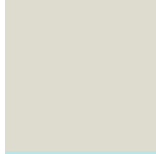
Trichromacy



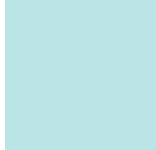
Original Color
88, 23.734, 158.272



Protanomaly
88, 13.764, 127.870



Deuteranomaly
88, 7.316, 103.779

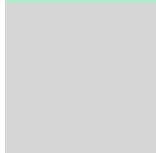


Tritanomaly
88, 14.235, 200.595

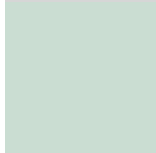
Monochromacy



Original Color
88, 23.734, 158.272



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 8.986, 159.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.734, 158.272 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, 232, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 232, 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(181, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 232, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.734, 158.272 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, 232, 203) }
```

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

```
.border{ border-color:rgb(181, 232, 203) }
```

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

Here you see how a box with a 4 pixel rgb(181, 232, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 232,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.734, 158.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 232, 203) }
```

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

```
.background{ background-color: rgb(181,  
232, 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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