

Converting Colors

CIELCh(88, 25.915, 157.819)

Have a look what the booklet for
CIELCh(88, 25.915, 157.819)
contains.

CIELCh(88, 25.824, 157.493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 25.824, 157.493)

Conversions

Conversions Part 1

Format	Color
Hex	B2E9C9
RGB	178, 233, 201
RGB Percent	70%, 91%, 79%
CMY	0.3014, 0.0857, 0.2112
CMYK	0.24, 0.00, 0.14, 0.09
HSL	145°, 56%, 81%
HSV	145°, 24%, 91%
XYZ	58.1316, 72.0653, 66.1916
YIQ	212.9070, -22.5080, -21.6120

Conversions

Conversions Part 2

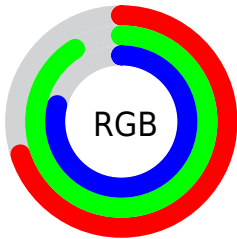
Format	Color
RYB	178, 217, 233
Decimal	11725257
CIELab	88.00, -23.86, 9.89
CIELCh	88, 25.824, 157.493
Yxy	72.0653, 0.2960, 0.3670
Android (android.graphics.Color)	4289915337 (0xFFB2E9C9)
YUV	212.9070, -5.8702, -30.6134
Hunter-Lab	84.8913, -26.3270, 13.1942

Details

The CIELCh color **88, 25.824, 157.493** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 26.328, 341.419**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **68, 25.811, 157.634** is the 20% darker color. If you saturate the color by 10%, you get **86, 36.576, 156.441**, and if you desaturate by 10%, it is **90, 14.890, 158.426**.

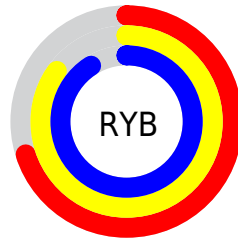
Distribution



Red (70%)

Green (91%)

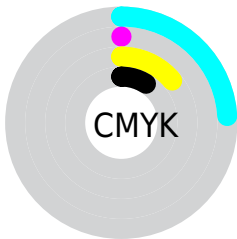
Blue (79%)



Red (70%)

Yellow (85%)

Blue (91%)

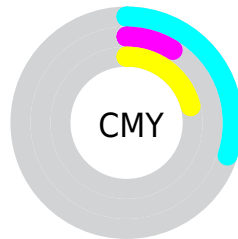


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (30%)

Magenta (9%)


Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 25.824, 157.493 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, 25.824, 157.493 by changing the saturation by 10% instead.


 88, 25.824,
157.493

 88, 25.824,
157.493


 100, 25.824,
157.493

 78, 25.824,
157.493

 68, 25.824,
157.493

 58, 25.824,
157.493

 48, 25.824,
157.493

 38, 25.824,
157.493


 28, 25.824,
157.493


 18, 25.824,


157.493


 8, 25.824, 157.493


 0, 25.824, 157.493


 88, 25.824,
157.493

 88, 25.824,
157.493

 86, 36.576,
156.441


 90, 14.890,
158.426


 85, 46.964,
155.245

 92, 3.919, 159.325

 84, 56.796,
153.880

 94, 6.968, 339.888

 83, 65.881,
152.322

 95, 13.642,
324.893

 82, 74.055,

150.557

■ 82, 81.212,
148.585

■ 82, 87.329,
146.436

■ 81, 90.795,
145.037

Harmonies

Complementary

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



88, 25.824, 157.493



78, 26.328, 341.419

Rectangle

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



88, 25.824, 157.493



88, 25.824, 207.493



88, 25.824, 337.493



88, 25.824, 27.493

Sweetspot

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



88, 25.826, 157.492



98, 8.229, 159.000



90, 29.618, 124.935



52, 5.348, 158.947



0, 0.000, 0.000



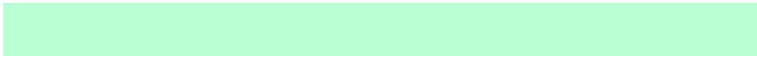
53, 0.007, 296.813

Same Dimension

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



88, 25.826, 157.492



95, 32.899, 157.031



89, 18.686, 190.783



48, 6.248, 158.788



65, 74.492, 145.428



19, 29.368, 149.341

Inverse Universe

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



78, 26.328, 341.419



82, 33.647, 341.848



78, 21.341, 14.713



46, 6.304, 340.183



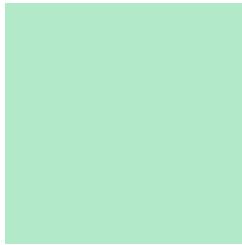
39, 67.080, 354.424



8, 29.561, 349.260

Previews

White Background



This preview shows how the CIELCh color 88, 25.824, 157.493 looks on a white background.

Color Contrast Check

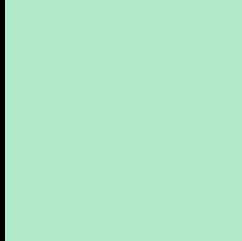
Large Text (above 18pt) WCAG AA × Fail

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 88, 25.824, 157.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

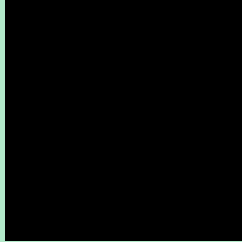
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

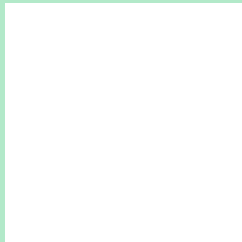
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 25.824, 157.493

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.824, 157.493.

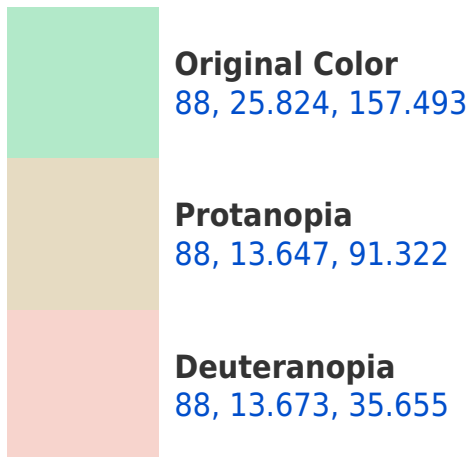


This preview shows how white text looks on a background with the CIELCh color 88, 25.824, 157.493.

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



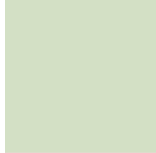


Tritanopia
88, 16.143, 234.492

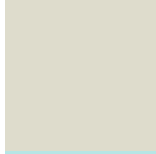
Trichromacy



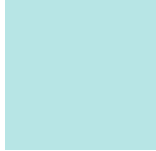
Original Color
88, 25.824, 157.493



Protanomaly
88, 14.872, 127.880

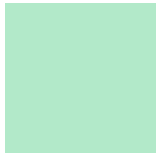


Deuteranomaly
88, 8.353, 104.394

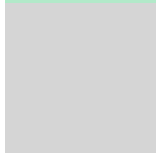


Tritanomaly
88, 15.532, 198.388

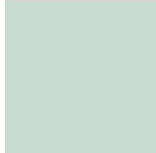
Monochromacy



Original Color
88, 25.824, 157.493



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.269, 160.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.824, 157.493 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(178, 233, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 233, 201)  
}
```

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(178, 233, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 233, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.824, 157.493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

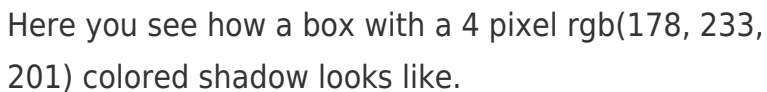
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 233, 201) }
```

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

```
.border{ border-color:rgb(178, 233, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 233, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 233, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 233, 201); box-shadow:4px 4px 4px 4px rgb(178, 233, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.824, 157.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 233, 201) }
```

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

```
.background{ background-color: rgb(178,  
233, 201) }
```

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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