

Converting Colors

CIELCh(88, 20.346, 183.142)

Have a look what the booklet for
CIELCh(88, 20.346, 183.142)
contains.

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Color

CIELCh(88, 20.426, 183.159)

Conversions

Conversions Part 1

Format	Color
Hex	AEE8DE
RGB	174, 232, 222
RGB Percent	68%, 91%, 87%
CMY	0.3172, 0.0897, 0.1290
CMYK	0.25, 0.00, 0.04, 0.09
HSL	170°, 56%, 80%
HSV	170°, 25%, 91%
XYZ	59.5658, 72.0653, 79.9539
YIQ	213.5180, -31.3580, -15.4060

Conversions

Conversions Part 2

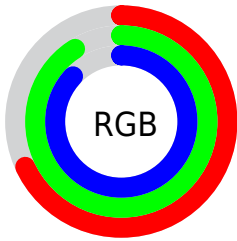
Format	Color
RYB	174, 206, 232
Decimal	11462878
CIELab	88.00, -20.39, -1.13
CIELCh	88, 20.426, 183.159
Yxy	72.0653, 0.2815, 0.3406
Android (android.graphics.Color)	4289652958 (0xFFAEE8DE)
YUV	213.5180, 4.1816, -34.6573
Hunter-Lab	84.8913, -23.3113, 3.5823

Details

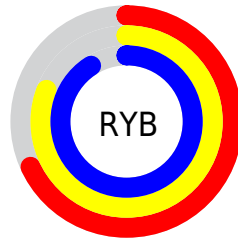
The CIELCh color **88, 20.426, 183.159** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77, 22.846, 8.001**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **68, 20.306, 183.516** is the 20% darker color. If you saturate the color by 10%, you get **87, 27.847, 182.171**, and if you desaturate by 10%, it is **89, 12.507, 184.100**.

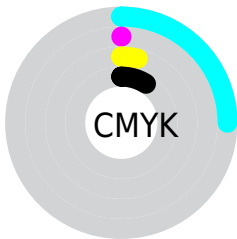
Distribution



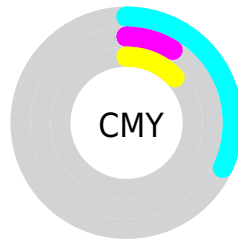
- Red (68%)
- Green (91%)
- Blue (87%)



- Red (68%)
- Yellow (81%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)





- Cyan (32%)
- Magenta (9%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.426, 183.159 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, 20.426, 183.159 by changing the saturation by 10% instead.


 88, 20.426,
183.159


 88, 20.426,
183.159


 100, 20.426,
183.159


 78, 20.426,
183.159

 68, 20.426,
183.159

 58, 20.426,
183.159

 48, 20.426,
183.159

 38, 20.426,
183.159

 28, 20.426,
183.159

 18, 20.426,

183.159

■ 8, 20.426, 183.159

■ 0, 20.426, 183.159

■ 88, 20.426,
183.159

■ 88, 20.426,
183.159

■ 87, 27.847,
182.171

■ 89, 12.507,
184.100

■ 86, 34.621,
181.128

■ 91, 4.225, 185.078

■ 93, 4.295, 5.661

■ 85, 40.612,
180.007

■ 94, 8.777, 359.405

■ 84, 45.704,
178.787


■ 94, 9.667, 347.911


■ 83, 49.824,


■ 94, 10.882,


177.445

338.695


 83, 52.965,
175.958

 94, 12.327,
331.515

 83, 55.199,
174.314

 94, 13.931,
325.948

 83, 56.097,
173.456

 94, 14.293,
324.916

Harmonies

Complementary

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



88, 20.426, 183.159



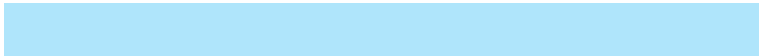
77, 22.846, 8.001

Rectangle

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



88, 20.426, 183.159



88, 20.426, 233.159



88, 20.426, 3.159



88, 20.426, 53.159

Sweetspot

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



88, 20.427, 183.155



99, 6.381, 184.860



88, 34.899, 137.998



53, 4.143, 184.799



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, 20.427, 183.155



95, 26.124, 182.653



83, 16.021, 236.165



48, 4.823, 184.621



66, 46.414, 173.755



19, 19.265, 176.564

Inverse Universe

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



77, 22.846, 8.001



80, 29.969, 8.723



81, 18.481, 51.887



46, 5.024, 6.179



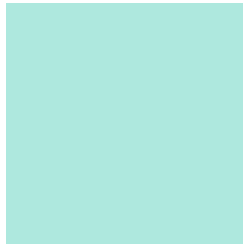
38, 73.123, 31.361



7, 27.961, 15.608

Previews

White Background



This preview shows how the CIE LCh color 88, 20.426, 183.159 looks on a white background.

Color Contrast Check

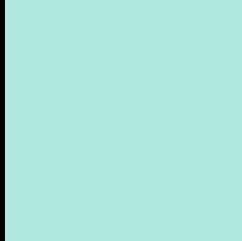
Large Text (above 18pt) WCAG AA × Fail

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, 20.426, 183.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

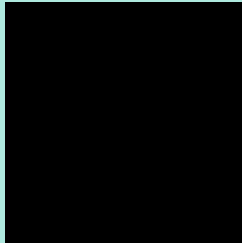
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

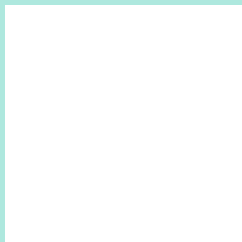
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 20.426, 183.159

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.426, 183.159.

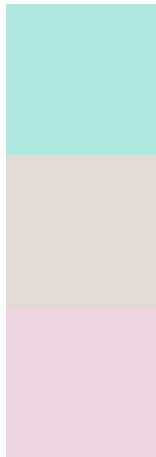


This preview shows how white text looks on a background with the CIELCh color 88, 20.426, 183.159.

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



Original Color


88, 20.426, 183.159

Protanopia

88, 2.998, 63.282

Deuteranopia

88, 11.314, 343.421

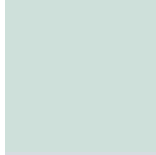


Tritanopia
88, 18.380, 231.414

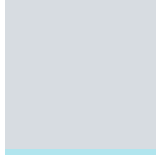
Trichromacy



Original Color
88, 20.426, 183.159



Protanomaly
88, 7.161, 173.027



Deuteranomaly
88, 3.136, 256.101

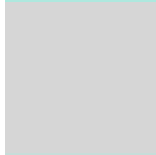


Tritanomaly
88, 17.563, 213.973

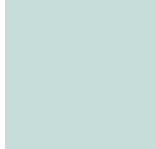
Monochromacy



Original Color
88, 20.426, 183.159



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 8.079, 183.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.426, 183.159 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(174, 232, 222)` looks like.

```
.text, #text, p{  
    color:rgb(174, 232, 222)  
}
```

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(174, 232, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 232, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.426, 183.159 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(174, 232, 222) }
```

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

```
.border{ border-color:rgb(174, 232, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 232, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 232, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 232, 222); box-shadow:4px 4px 4px 4px rgb(174, 232, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.426, 183.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 232, 222) }
```

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

```
.background{ background-color: rgb(174,  
232, 222) }
```

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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