

Converting Colors

CIELCh(88, 25.402, 170.290)

Have a look what the booklet for
CIELCh(88, 25.402, 170.290)
contains.

CIELCh(88, 25.260, 170.618)	3
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Color

CIELCh(88, 25.260, 170.618)

Conversions

Conversions Part 1

Format	Color
Hex	A9EAD4
RGB	169, 234, 212
RGB Percent	66%, 92%, 83%
CMY	0.3371, 0.0822, 0.1685
CMYK	0.28, 0.00, 0.09, 0.08
HSL	160°, 61%, 79%
HSV	160°, 28%, 92%
XYZ	57.6951, 72.0653, 73.1842
YIQ	212.0570, -31.6780, -20.6220

Conversions

Conversions Part 2

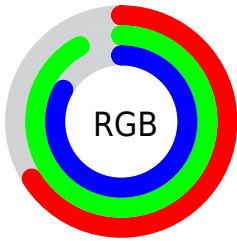
Format	Color
R _{YB}	169, 208, 234
Decimal	11135700
CIE Lab	88.00, -24.92, 4.12
CIE LCh	88, 25.260, 170.618
Yxy	72.0653, 0.2843, 0.3551
Android (android.graphics.Color)	4289325780 (0xFFA9EAD4)
YUV	212.0570, -0.0281, -37.7610
Hunter-Lab	84.8913, -27.2449, 8.3104

Details

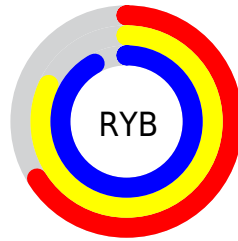
The CIELCh color **88, 25.260, 170.618** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 27.122, 356.322**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **68, 25.375, 170.152** is the 20% darker color. If you saturate the color by 10%, you get **87, 33.768, 169.445**, and if you desaturate by 10%, it is **90, 16.357, 171.690**.

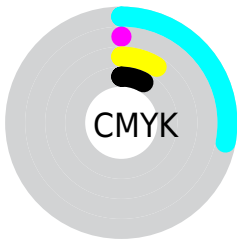
Distribution



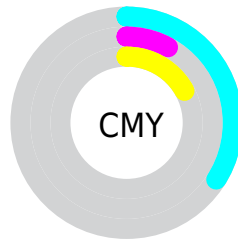
- Red (66%)
- Green (92%)
- Blue (83%)



- Red (66%)
- Yellow (82%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)




- Cyan (34%)
- Magenta (8%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.260, 170.618 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, 25.260, 170.618 by changing the saturation by 10% instead.


 88, 25.260,
170.618


 88, 25.260,
170.618


 100, 25.260,
170.618


 78, 25.260,
170.618

 68, 25.260,
170.618

 58, 25.260,
170.618

 48, 25.260,
170.618

 38, 25.260,
170.618

 28, 25.260,
170.618

 18, 25.260,


170.618


 8, 25.260, 170.618


 0, 25.260, 170.618

 88, 25.260,
170.618


 88, 25.260,
170.618

 87, 33.768,
169.445


 90, 16.357,
171.690

 86, 41.719,
168.152

 91, 7.202, 172.708


 85, 48.962,
166.710

 93, 2.077, 353.291

 84, 55.366,
165.096

 95, 8.983, 346.391

 83, 60.847,

 95, 11.713,
329.624

163.284

95, 13.079,
324.872

83, 65.396,
161.264

83, 69.112,
159.054

83, 69.889,
158.564

Harmonies

Complementary

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



88, 25.260, 170.618



76, 27.122, 356.322

Rectangle

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



88, 25.260, 170.618



88, 25.260, 220.618



88, 25.260, 350.618



88, 25.260, 40.618

Sweetspot

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



88, 25.261, 170.616



98, 7.945, 172.681



88, 37.113, 132.847



52, 5.642, 172.526



0, 0.000, 0.000



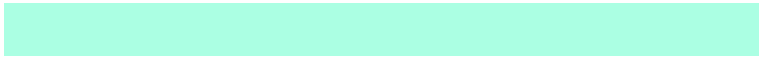
53, 0.007, 296.813

Same Dimension

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



88, 25.261, 170.616



94, 31.901, 170.000



86, 18.597, 214.345



48, 5.269, 172.535



65, 57.270, 158.968



19, 23.056, 162.773

Inverse Universe

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



76, 27.122, 356.322



79, 34.746, 357.066



78, 22.629, 34.277



46, 5.397, 354.185



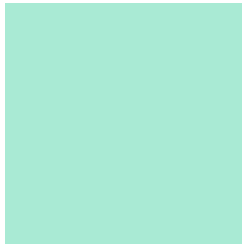
38, 66.677, 17.470



7, 27.818, 7.028

Previews

White Background



This preview shows how the CIE LCh color 88, 25.260, 170.618 looks on a white background.

Color Contrast Check

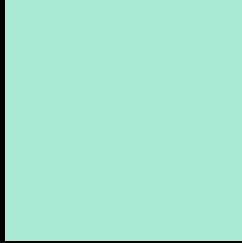
Large Text (above 18pt) WCAG AA × Fail

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, 25.260, 170.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

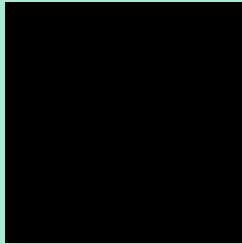
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

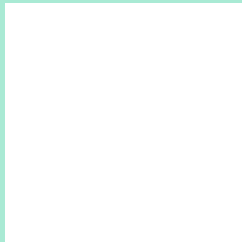
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 25.260, 170.618

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.260, 170.618.

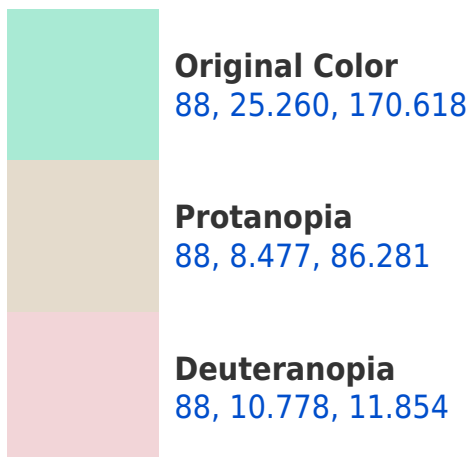


This preview shows how white text looks on a background with the CIELCh color 88, 25.260, 170.618.

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



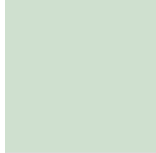


Tritanopia
88, 19.163, 228.004

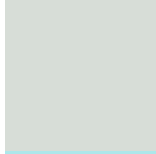
Trichromacy



Original Color
88, 25.260, 170.618



Protanomaly
88, 10.851, 144.026



Deuteranomaly
88, 3.819, 144.363

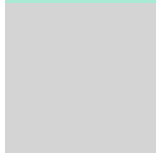


Tritanomaly
88, 19.112, 202.904

Monochromacy



Original Color
88, 25.260, 170.618



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.566, 172.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.260, 170.618 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(169, 234, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 234, 212)  
}
```

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(169, 234, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 234, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.260, 170.618 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(169, 234, 212) }
```

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

```
.border{ border-color:rgb(169, 234, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 234, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(169, 234,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.260, 170.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 234, 212) }
```

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

```
.background{ background-color: rgb(169,  
234, 212) }
```

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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