

Converting Colors

CIELCh(88, 32.370, 161.524)

Have a look what the booklet for
CIELCh(88, 32.370, 161.524)
contains.

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Color

CIELCh(88, 32.272, 161.702)

Conversions

Conversions Part 1

Format	Color
Hex	A1ECC8
RGB	161, 236, 200
RGB Percent	63%, 93%, 78%
CMY	0.3669, 0.0727, 0.2140
CMYK	0.32, 0.00, 0.15, 0.07
HSL	151°, 67%, 78%
HSV	151°, 32%, 93%
XYZ	55.3887, 72.0653, 65.9028
YIQ	209.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

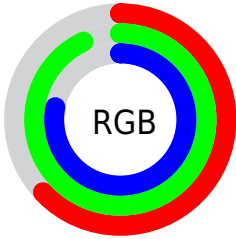
Format	Color
RYB	161, 210, 236
Decimal	10611912
CIELab	88.00, -30.64, 10.13
CIElCh	88, 32.272, 161.702
Yxy	72.0653, 0.2865, 0.3727
Android (android.graphics.Color)	4288801992 (0xFFA1ECC8)
YUV	209.4710, -4.6692, -42.5091
Hunter-Lab	84.8913, -32.0945, 13.3959

Details

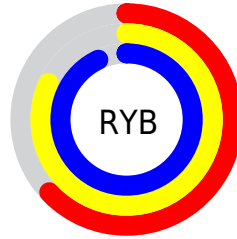
The CIELCh color **88, 32.272, 161.702** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75, 33.701, 347.815**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **68, 32.338, 161.503** is the 20% darker color. If you saturate the color by 10%, you get **87, 41.907, 160.490**, and if you desaturate by 10%, it is **90, 22.267, 162.781**.

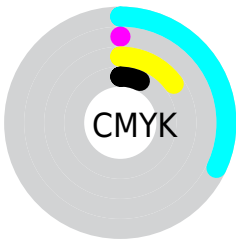
Distribution



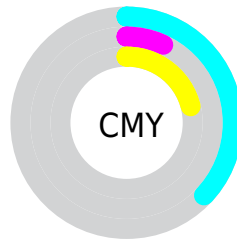
- Red (63%)
- Green (93%)
- Blue (78%)



- Red (63%)
- Yellow (82%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 32.272, 161.702 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, 32.272, 161.702 by changing the saturation by 10% instead.


 88, 32.272,
161.702


 88, 32.272,
161.702


 100, 32.272,
161.702


 78, 32.272,
161.702

 68, 32.272,
161.702

 58, 32.272,
161.702

 48, 32.272,
161.702

 38, 32.272,
161.702


 28, 32.272,
161.702


 18, 32.272,


161.702


 8, 32.272, 161.702


 0, 32.272, 161.702


 88, 32.272,
161.702


 88, 32.272,
161.702

 87, 41.907,
160.490


 90, 22.267,
162.781

 86, 50.992,
159.122

 91, 12.051,
163.762


 85, 59.356,
157.571

 93, 1.766, 164.857

 84, 66.856,
155.816

 95, 8.177, 343.844

 83, 73.403,

 95, 11.568,
324.817

153.844

■ 83, 78.993,
151.665

■ 83, 83.029,
149.774

Harmonies

Complementary

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



88, 32.272, 161.702



75, 33.701, 347.815

Rectangle

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



88, 32.272, 161.702



88, 32.272, 211.702



88, 32.272, 341.702



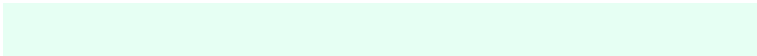
88, 32.272, 31.702

Sweetspot

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



88, 32.273, 161.701



98, 10.926, 163.921



89, 41.151, 128.171



52, 7.454, 163.787



0, 0.000, 0.000



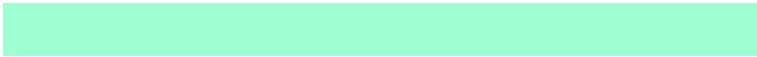
53, 0.007, 296.813

Same Dimension

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



88, 32.273, 161.701



93, 40.786, 160.939



89, 23.707, 199.459



48, 5.801, 163.975



65, 67.392, 150.202



19, 26.703, 154.193

Inverse Universe

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



75, 33.701, 347.815



76, 42.919, 348.613



74, 29.602, 23.358



46, 5.882, 345.499



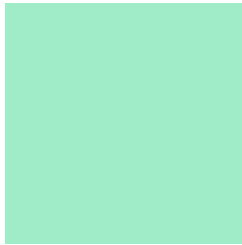
39, 65.373, 3.827



8, 28.432, 356.739

Previews

White Background



This preview shows how the CIELCh color 88, 32.272, 161.702 looks on a white background.

Color Contrast Check

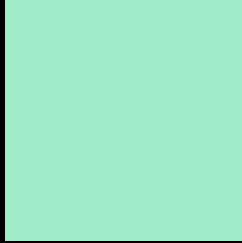
Large Text (above 18pt) WCAG AA × Fail

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, 32.272, 161.702 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, 32.272, 161.702

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.272, 161.702.

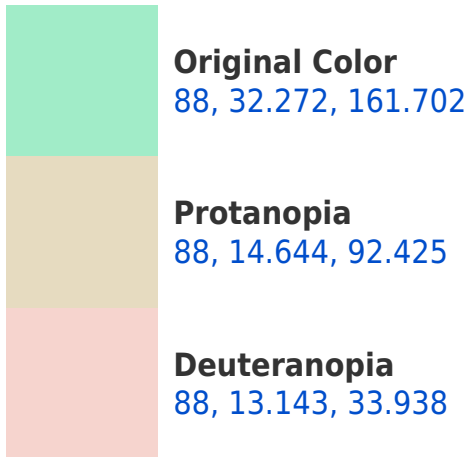


This preview shows how white text looks on a background with the CIELCh color 88, 32.272, 161.702.

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



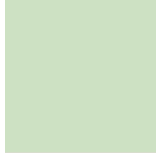


Tritanopia
88, 20.430, 225.919

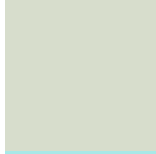
Trichromacy



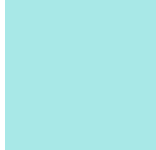
Original Color
88, 32.272, 161.702



Protanomaly
87, 17.319, 134.100



Deuteranomaly
87, 9.141, 123.382

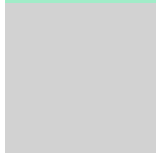


Tritanomaly
88, 21.065, 196.587

Monochromacy



Original Color
88, 32.272, 161.702



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 12.195, 164.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.272, 161.702 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(161, 236, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 236, 200)  
}
```

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(161, 236, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 236, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.272, 161.702 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(161, 236, 200) }
```

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

```
.border{ border-color:rgb(161, 236, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 236, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 236, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 236, 200); box-shadow:4px 4px 4px 4px rgb(161, 236, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.272, 161.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 236, 200) }
```

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

```
.background{ background-color: rgb(161,  
236, 200) }
```

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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