

Converting Colors

CIELCh(88, 32.274, 170.490)

Have a look what the booklet for
CIELCh(88, 32.274, 170.490)
contains.

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Color

CIElCh(88, 31.996, 171.079)

Conversions

Conversions Part 1

Format	Color
Hex	98EDD2
RGB	152, 237, 210
RGB Percent	60%, 93%, 82%
CMY	0.4030, 0.0697, 0.1756
CMYK	0.36, 0.00, 0.11, 0.07
HSL	161°, 71%, 76%
HSV	161°, 36%, 93%
XYZ	55.0041, 72.0653, 72.1316
YIQ	208.5070, -41.9930, -26.4170

Conversions

Conversions Part 2

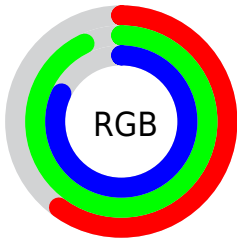
Format	Color
RYB	152, 203, 237
Decimal	10022354
CIELab	88.00, -31.61, 4.96
CIElCh	88, 31.996, 171.079
Yxy	72.0653, 0.2761, 0.3618
Android (android.graphics.Color)	4288212434 (0xFF98EDD2)
YUV	208.5070, 0.7360, -49.5566
Hunter-Lab	84.8913, -32.9031, 9.0455

Details

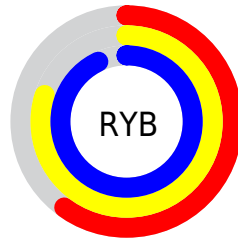
The CIELCh color **88, 31.996, 171.079** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72, 35.385, 358.918**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **68, 31.978, 171.257** is the 20% darker color. If you saturate the color by 10%, you get **87, 39.975, 169.819**, and if you desaturate by 10%, it is **89, 23.473, 172.222**.

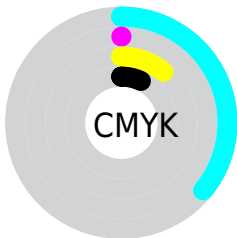
Distribution



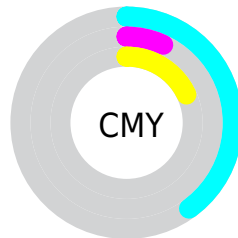
- Red (60%)
- Green (93%)
- Blue (82%)



- Red (60%)
- Yellow (80%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 31.996, 171.079 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, 31.996, 171.079 by changing the saturation by 10% instead.

■ 88, 31.996,
171.079

■ 88, 31.996,
171.079

■ 100, 31.996,
171.079

■ 78, 31.996,
171.079

■ 68, 31.996,
171.079

■ 58, 31.996,
171.079

■ 48, 31.996,
171.079

■ 38, 31.996,
171.079


■ 28, 31.996,
171.079


■ 18, 31.996,


171.079


 8, 31.996, 171.079


 0, 31.996, 171.079


 88, 31.996,
171.079


 88, 31.996,
171.079

 87, 39.975,
169.819


 89, 23.473,
172.222

 86, 47.252,
168.424

 91, 14.559,
173.280

 85, 53.691,
166.864

 93, 5.399, 174.308

 84, 59.202,
165.116

 95, 3.880, 354.971

 84, 63.762,

 95, 8.363, 339.049

163.164

96, 11.080,
324.799

84, 67.438,
161.011

84, 68.815,
160.095

Harmonies

Complementary

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



88, 31.996, 171.079



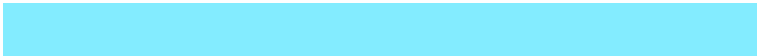
72, 35.385, 358.918

Rectangle

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



88, 31.996, 171.079



88, 31.996, 221.079



88, 31.996, 351.079



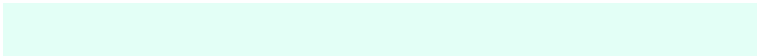
88, 31.996, 41.079

Sweetspot

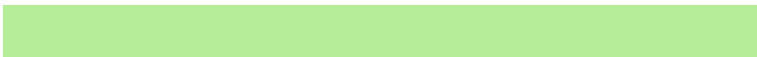
The Sweet Spot groups the original color and five complimentary colors.



88, 31.997, 171.077



98, 10.766, 173.767



88, 48.518, 132.945



52, 7.227, 173.629



0, 0.000, 0.000



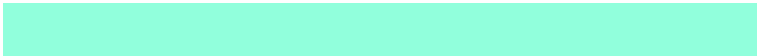
53, 0.007, 296.813

Same Dimension

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



88, 31.997, 171.077



93, 40.041, 170.167



85, 23.237, 216.879



49, 5.295, 173.926



66, 56.422, 160.487



20, 23.297, 164.032

Inverse Universe

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



72, 35.385, 358.918



73, 45.216, 0.139



75, 30.184, 36.180



47, 5.434, 355.588



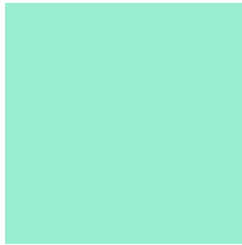
39, 67.953, 19.465



8, 28.763, 9.200

Previews

White Background



This preview shows how the CIE LCh color 88, 31.996, 171.079 looks on a white background.

Color Contrast Check

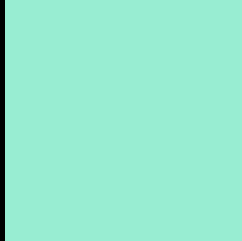
Large Text (above 18pt) WCAG AA × Fail

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, 31.996, 171.079 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

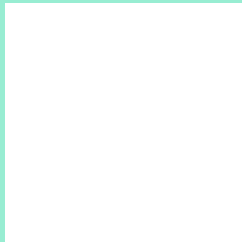
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 31.996, 171.079

Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.996, 171.079.

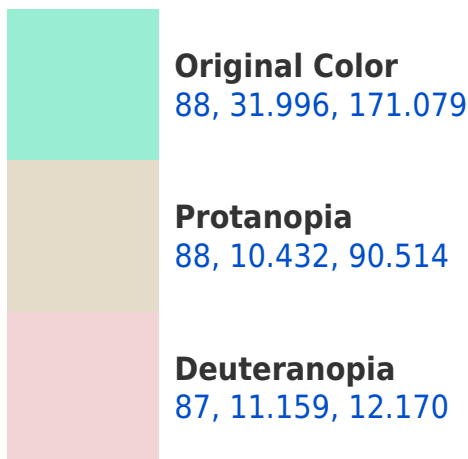


This preview shows how white text looks on a background with the CIELCh color 88, 31.996, 171.079.

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, 23.349, 223.500

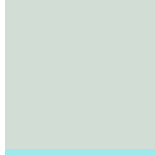
Trichromacy



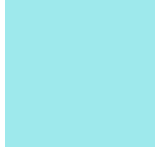
Original Color
88, 31.996, 171.079



Protanomaly
88, 14.923, 148.249



Deuteranomaly
87, 6.043, 155.343

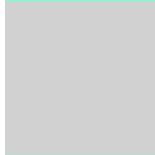


Tritanomaly
88, 23.982, 201.632

Monochromacy



Original Color
88, 31.996, 171.079



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 12.255, 173.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.996, 171.079 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(152, 237, 210)` looks like.

```
.text, #text, p{  
    color:rgb(152, 237, 210)  
}
```

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(152, 237, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 237, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.996, 171.079 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(152, 237, 210) }
```

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

```
.border{ border-color:rgb(152, 237, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 237, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 237, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 237, 210);  
box-shadow:4px 4px 4px 4px rgb(152, 237,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.996, 171.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 237, 210) }
```

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

```
.background{ background-color: rgb(152,  
237, 210) }
```

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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