

Converting Colors

CIELCh(88, 34.075, 181.819)

Have a look what the booklet for
CIELCh(88, 34.075, 181.819)
contains.

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Color

CIELCh(88, 34.022, 181.955)

Conversions

Conversions Part 1

Format	Color
Hex	88EFDE
RGB	136, 239, 222
RGB Percent	53%, 94%, 87%
CMY	0.4676, 0.0637, 0.1303
CMYK	0.43, 0.00, 0.07, 0.06
HSL	170°, 76%, 73%
HSV	170°, 43%, 94%
XYZ	54.0618, 72.0653, 80.0004
YIQ	206.2650, -55.9310, -27.1230

Conversions

Conversions Part 2

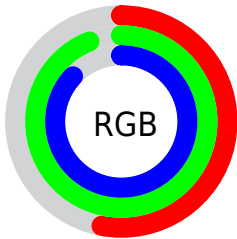
Format	Color
R_{YB}	136, 192, 239
Decimal	8974302
CIE _{Lab}	88.00, -34.00, -1.16
CIE _{LCh}	88, 34.022, 181.955
Yxy	72.0653, 0.2623, 0.3496
Android (android.graphics.Color)	4287164382 (0xFF88EFDE)
YUV	206.2650, 7.7574, -61.6224
Hunter-Lab	84.8913, -34.8846, 3.5498

Details

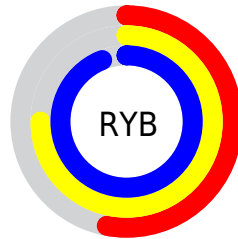
The CIELCh color **88, 34.022, 181.955** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68, 41.904, 11.502**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **68, 34.160, 181.635** is the 20% darker color. If you saturate the color by 10%, you get **87, 40.247, 180.867**, and if you desaturate by 10%, it is **89, 27.013, 182.969**.

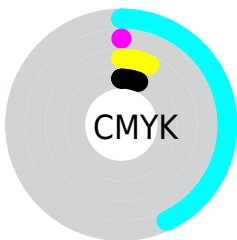
Distribution



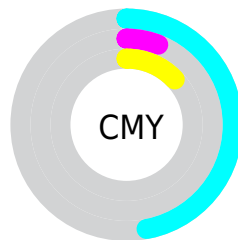
- Red (53%)
- Green (94%)
- Blue (87%)



- Red (53%)
- Yellow (75%)
- Blue (94%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)





- Cyan (47%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 34.022, 181.955 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, 34.022, 181.955 by changing the saturation by 10% instead.


 88, 34.022,
181.955


 88, 34.022,
181.955


 100, 34.022,
181.955


 78, 34.022,
181.955

 68, 34.022,
181.955

 58, 34.022,
181.955

 48, 34.022,
181.955

 38, 34.022,
181.955


 28, 34.022,
181.955


 18, 34.022,

181.955

 8, 34.022, 181.955


 0, 34.022, 181.955


 88, 34.022,
181.955


 88, 34.022,
181.955


 87, 40.247,
180.867


 89, 27.013,
182.969


 86, 45.563,
179.690

 91, 19.361,
183.932

 86, 49.890,
178.400

 92, 11.216,
184.864

 85, 53.204,
176.974

 94, 2.717, 185.904

 85, 55.568,

 96, 5.962, 6.314

175.396

96, 6.712, 349.354

85, 56.785,
174.247

96, 7.922, 336.711

96, 9.417, 327.781

96, 10.126,
324.763

Harmonies

Complementary

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



88, 34.022, 181.955



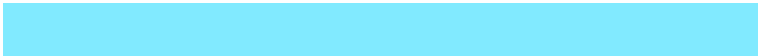
68, 41.904, 11.502

Rectangle

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



88, 34.022, 181.955



88, 34.022, 231.955



88, 34.022, 1.955



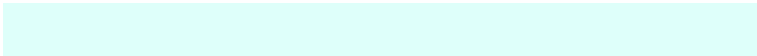
88, 34.022, 51.955

Sweetspot

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



88, 34.023, 181.953



98, 11.707, 184.873



87, 61.455, 137.207



52, 8.160, 184.667



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, 34.023, 181.953



92, 41.717, 180.974



79, 26.959, 241.560



49, 4.894, 185.208



67, 46.475, 174.549



20, 19.724, 177.142

Inverse Universe

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



68, 41.904, 11.502



68, 53.893, 13.470



75, 34.865, 52.659



47, 5.102, 6.757



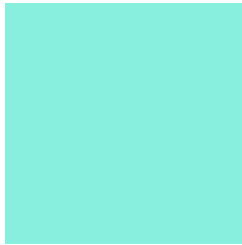
38, 74.295, 31.930



8, 29.109, 17.059

Previews

White Background



This preview shows how the CIE LCh color 88, 34.022, 181.955 looks on a white background.

Color Contrast Check

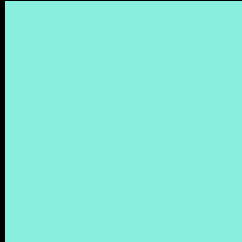
Large Text (above 18pt) WCAG AA × Fail

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, 34.022, 181.955 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

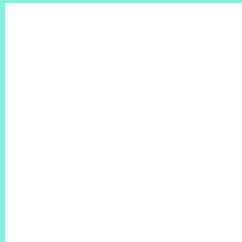
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 34.022, 181.955

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.022, 181.955.

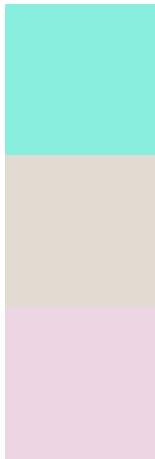


This preview shows how white text looks on a background with the CIELCh color 88, 34.022, 181.955.

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, 34.022, 181.955

Protanopia
88, 5.159, 84.517

Deuteranopia
88, 11.349, 340.168



Tritanopia
88, 28.334, 218.491

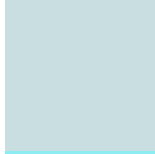
Trichromacy



Original Color
88, 34.022, 181.955



Protanomaly
87, 13.318, 170.383



Deuteranomaly
87, 7.777, 210.643

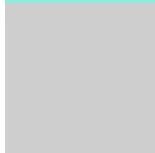


Tritanomaly
88, 29.085, 203.807

Monochromacy



Original Color
88, 34.022, 181.955



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 13.671, 185.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.022, 181.955 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(136, 239, 222)` looks like.

```
.text, #text, p{  
    color:rgb(136, 239, 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(136, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 239, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.022, 181.955 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(136, 239, 222) }
```

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

```
.border{ border-color:rgb(136, 239, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 239, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(136, 239,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.022, 181.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 239, 222) }
```

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

```
.background{ background-color: rgb(136,  
239, 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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