

Converting Colors

CIELCh(88, 34.737, 175.327)

Have a look what the booklet for
CIELCh(88, 34.737, 175.327)
contains.

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Color

CIELCh(88, 34.954, 175.094)

Conversions

Conversions Part 1

Format	Color
Hex	8CEFD6
RGB	140, 239, 214
RGB Percent	55%, 94%, 84%
CMY	0.4515, 0.0633, 0.1613
CMYK	0.41, 0.00, 0.10, 0.06
HSL	165°, 75%, 74%
HSV	165°, 41%, 94%
XYZ	53.7399, 72.0653, 74.6075
YIQ	206.5490, -50.9790, -28.7630

Conversions

Conversions Part 2

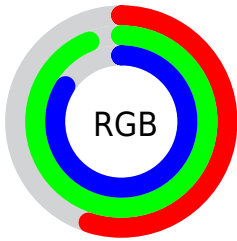
Format	Color
RYB	140, 197, 239
Decimal	9236438
CIELab	88.00, -34.83, 2.99
CIELCh	88, 34.954, 175.094
Yxy	72.0653, 0.2681, 0.3596
Android (android.graphics.Color)	4287426518 (0xFF8CEFD6)
YUV	206.5490, 3.6733, -58.3635
Hunter-Lab	84.8913, -35.5613, 7.3163

Details

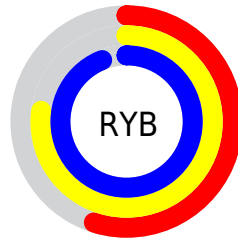
The CIELCh color **88, 34.954, 175.094** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69, 40.599, 4.589**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **68, 35.281, 174.506** is the 20% darker color. If you saturate the color by 10%, you get **87, 42.025, 173.832**, and if you desaturate by 10%, it is **89, 27.196, 176.246**.

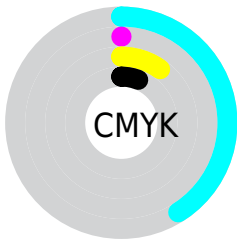
Distribution



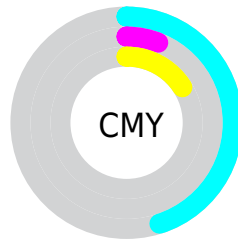
- Red (55%)
- Green (94%)
- Blue (84%)



- Red (55%)
- Yellow (77%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 34.954, 175.094 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, 34.954, 175.094 by changing the saturation by 10% instead.


 88, 34.954,
175.094

 88, 34.954,
175.094


 100, 34.954,
175.094


 78, 34.954,
175.094

 68, 34.954,
175.094

 58, 34.954,
175.094

 48, 34.954,
175.094

 38, 34.954,
175.094


 28, 34.954,
175.094


 18, 34.954,


175.094

 8, 34.954, 175.094

 0, 34.954, 175.094


 88, 34.954,
175.094


 88, 34.954,
175.094


 87, 42.025,
173.832


 89, 27.196,
176.246

 86, 48.267,
172.441

 91, 18.903,
177.315

 85, 53.578,
170.893

 92, 10.224,
178.329

 85, 57.911,
169.166

 94, 1.298, 179.638

 85, 61.301,

 96, 6.329, 355.103

167.247

96, 8.111, 334.924

84, 63.620,
165.490

96, 10.059,
324.761

Harmonies

Complementary

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



88, 34.954, 175.094



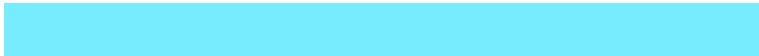
69, 40.599, 4.589

Rectangle

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



88, 34.954, 175.094



88, 34.954, 225.094



88, 34.954, 355.094



88, 34.954, 45.094

Sweetspot

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



88, 34.955, 175.092



98, 11.296, 178.269



88, 57.367, 134.617



52, 7.481, 178.138



0, 0.000, 0.000



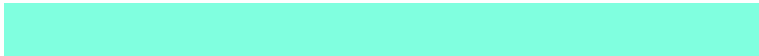
53, 0.007, 296.813

Same Dimension

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



88, 34.955, 175.092



92, 43.259, 173.999



82, 25.709, 226.684



49, 5.100, 178.527



66, 51.949, 165.864



20, 21.681, 169.126

Inverse Universe

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



69, 40.599, 4.589



69, 51.905, 6.344



74, 34.538, 42.649



47, 5.267, 0.182



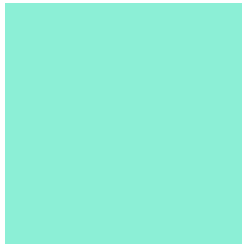
38, 70.259, 25.233



8, 28.865, 12.991

Previews

White Background



This preview shows how the CIE LCh color 88, 34.954, 175.094 looks on a white background.

Color Contrast Check

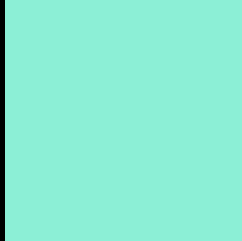
Large Text (above 18pt) WCAG AA × Fail

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, 34.954, 175.094 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, 34.954, 175.094

Background



This preview shows how black text looks on a background with the CIELCh color 88, 34.954, 175.094.

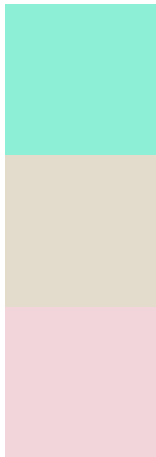


This preview shows how white text looks on a background with the CIELCh color 88, 34.954, 175.094.

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, 34.954, 175.094

Protanopia

88, 8.829, 89.777

Deuteranopia

88, 10.710, 3.237



Tritanopia
88, 26.715, 219.910

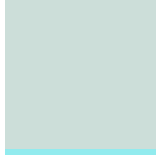
Trichromacy



Original Color
88, 34.954, 175.094



Protanomaly
87, 14.995, 156.990



Deuteranomaly
87, 6.942, 176.849

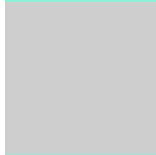


Tritanomaly
88, 27.706, 200.894

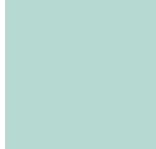
Monochromacy



Original Color
88, 34.954, 175.094



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 13.596, 178.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 34.954, 175.094 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(140, 239, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 239, 214)  
}
```

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(140, 239, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 239, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 34.954, 175.094 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(140, 239, 214) }
```

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

```
.border{ border-color:rgb(140, 239, 214) }
```

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

Here you see how a box with a 4 pixel rgb(140, 239, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 239,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 34.954, 175.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 239, 214) }
```

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

```
.background{ background-color: rgb(140,  
239, 214) }
```

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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