

Converting Colors

CIELCh(88, 41.329, 170.839)

Have a look what the booklet for
CIELCh(88, 41.329, 170.839)
contains.

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Color

CIELCh(88, 41.172, 171.116)

Conversions

Conversions Part 1

Format	Color
Hex	7EF1CF
RGB	126, 241, 207
RGB Percent	49%, 95%, 81%
CMY	0.5047, 0.0537, 0.1871
CMYK	0.48, 0.00, 0.14, 0.05
HSL	162°, 81%, 72%
HSV	162°, 48%, 95%
XYZ	51.4901, 72.0653, 70.4120
YIQ	202.7390, -57.6260, -34.9540

Conversions

Conversions Part 2

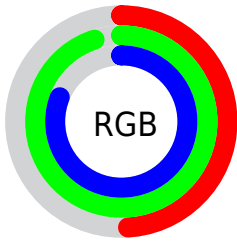
Format	Color
R_{YB}	126, 193, 241
Decimal	8319439
CIE _{Lab}	88.00, -40.68, 6.36
CIE _{LCh}	88, 41.172, 171.116
Yxy	72.0653, 0.2655, 0.3715
Android (android.graphics.Color)	4286509519 (0xFF7EF1CF)
YUV	202.7390, 2.1007, -67.3001
Hunter-Lab	84.8913, -40.2920, 10.2465

Details

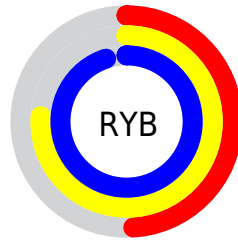
The CIELCh color **88, 41.172, 171.116** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67, 47.669, 2.593**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **68, 41.010, 171.487** is the 20% darker color. If you saturate the color by 10%, you get **87, 48.193, 169.712**, and if you desaturate by 10%, it is **89, 33.398, 172.381**.

Distribution



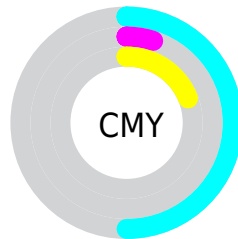
- Red (49%)
- Green (95%)
- Blue (81%)



- Red (49%)
- Yellow (76%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 41.172, 171.116 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, 41.172, 171.116 by changing the saturation by 10% instead.


 88, 41.172,
171.116


 88, 41.172,
171.116


 100, 41.172,
171.116


 78, 41.172,
171.116

 68, 41.172,
171.116

 58, 41.172,
171.116

 48, 41.172,
171.116

 38, 41.172,
171.116


 28, 41.172,
171.116


 18, 41.172,

171.116


 8, 41.172, 171.116


 0, 41.172, 171.116


 88, 41.172,
171.116


 88, 41.172,
171.116


 87, 48.193,
169.712


 89, 33.398,
172.381

 86, 54.332,
168.147

 91, 25.022,
173.535

 86, 59.511,
166.396

 92, 16.202,
174.602

 85, 63.725,
164.442


 94, 7.089, 175.624

 85, 67.081,

 96, 2.187, 356.208

162.299

 97, 6.636, 337.002

 85, 67.810,
161.796

 97, 8.536, 324.702

Harmonies

Complementary

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



88, 41.172, 171.116



67, 47.669, 2.593

Rectangle

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



88, 41.172, 171.116



88, 41.172, 221.116



88, 41.172, 351.116



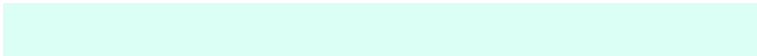
88, 41.172, 41.116

Sweetspot

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



88, 41.173, 171.115



97, 13.486, 174.972



88, 65.438, 133.297



52, 9.290, 174.752



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, 41.173, 171.115



91, 49.913, 169.784



82, 29.185, 222.651



49, 5.226, 175.437



66, 54.890, 162.204



20, 22.741, 165.670

Inverse Universe

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



67, 47.669, 2.593



65, 59.343, 4.726



71, 41.844, 39.754



47, 5.374, 357.102



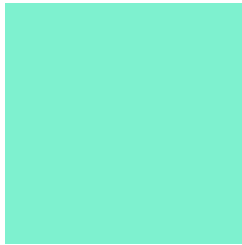
39, 68.643, 21.464



8, 28.786, 10.551

Previews

White Background



This preview shows how the CIE LCh color 88, 41.172, 171.116 looks on a white background.

Color Contrast Check

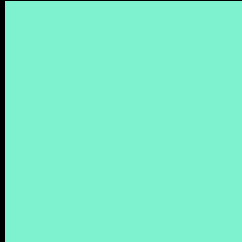
Large Text (above 18pt) WCAG AA × Fail

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, 41.172, 171.116 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

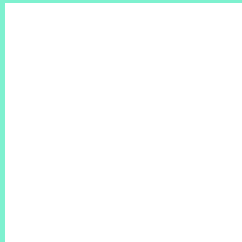
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 41.172, 171.116

Background



This preview shows how black text looks on a background with the CIELCh color 88, 41.172, 171.116.

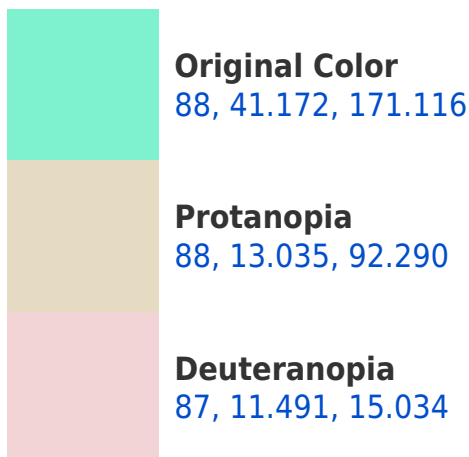


This preview shows how white text looks on a background with the CIELCh color 88, 41.172, 171.116.

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, 29.461, 217.591

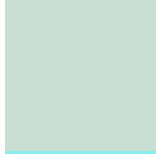
Trichromacy



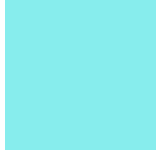
Original Color
88, 41.172, 171.116



Protanomaly
87, 19.449, 149.492



Deuteranomaly
87, 9.807, 162.867

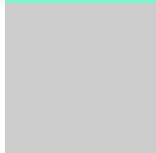


Tritanomaly
88, 31.149, 197.393

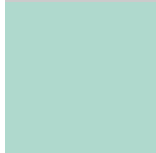
Monochromacy



Original Color
88, 41.172, 171.116



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 16.160, 175.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 41.172, 171.116 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(126, 241, 207)` looks like.

```
.text, #text, p{  
    color:rgb(126, 241, 207)  
}
```

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(126, 241, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 241, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 41.172, 171.116 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(126, 241, 207) }
```

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

```
.border{ border-color:rgb(126, 241, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 241, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(126, 241,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 41.172, 171.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 241, 207) }
```

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

```
.background{ background-color: rgb(126,  
241, 207) }
```

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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