

Converting Colors

CIELCh(88, 44.292, 183.139)

Have a look what the booklet for
CIELCh(88, 44.292, 183.139)
contains.

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Color

CIELCh(88, 44.148, 183.474)

Conversions

Conversions Part 1

Format	Color
Hex	5DF3E0
RGB	93, 243, 224
RGB Percent	36%, 95%, 88%
CMY	0.6336, 0.0456, 0.1202
CMYK	0.62, 0.00, 0.08, 0.05
HSL	172°, 87%, 66%
HSV	172°, 62%, 95%
XYZ	50.2165, 72.0653, 82.0315
YIQ	195.9840, -83.3010, -37.7090

Conversions

Conversions Part 2

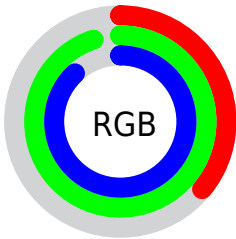
Format	Color
RYB	93, 173, 243
Decimal	6157280
CIELab	88.00, -44.07, -2.68
CIELCh	88, 44.148, 183.474
Yxy	72.0653, 0.2458, 0.3527
Android (android.graphics.Color)	4284347360 (0xFF5DF3E0)
YUV	195.9840, 13.8119, -90.3170
Hunter-Lab	84.8913, -42.9700, 2.1312

Details

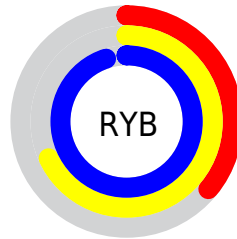
The CIELCh color **88, 44.148, 183.474** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **60, 62.236, 18.957**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 30.155, 197.561**, and **68, 43.016, 183.376** is the 20% darker color. If you saturate the color by 10%, you get **87, 48.365, 182.379**, and if you desaturate by 10%, it is **89, 38.912, 184.486**.

Distribution



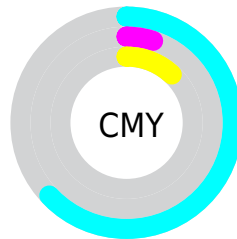
- Red (36%)
- Green (95%)
- Blue (88%)



- Red (36%)
- Yellow (68%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)



- Cyan (63%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 44.148, 183.474 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, 44.148, 183.474 by changing the saturation by 10% instead.

 88, 44.148,
183.474

 88, 44.148,
183.474

 100, 44.148,
183.474

 78, 44.148,
183.474

 68, 44.148,
183.474

 58, 44.148,
183.474

 48, 44.148,
183.474

 38, 44.148,
183.474

 28, 44.148,
183.474

 18, 44.148,


183.474

 8, 44.148, 183.474


 0, 44.148, 183.474


 88, 44.148,
183.474

 88, 44.148,
183.474


 87, 48.365,
182.379

 89, 38.912,
184.486


 87, 51.536,
181.183

 90, 32.741,
185.439

 87, 53.715,
179.867

 91, 25.759,
186.347

 87, 54.949,
178.682

 92, 18.110,
187.225

 94, 9.943, 188.094

■ 96, 1.398, 189.292

■ 97, 4.341, 1.834

■ 97, 5.051, 344.606

■ 97, 6.098, 332.468

Harmonies

Complementary

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



88, 44.148, 183.474



60, 62.236, 18.957

Rectangle

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



88, 44.148, 183.474



88, 44.148, 233.474



88, 44.148, 3.474



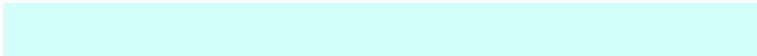
88, 44.148, 53.474

Sweetspot

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



88, 44.148, 183.473



97, 15.801, 187.534



86, 87.100, 136.560



51, 10.905, 187.281



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, 44.148, 183.473



91, 51.056, 182.081



73, 37.612, 251.404



50, 4.910, 188.283



68, 44.825, 178.937



21, 19.543, 180.995

Inverse Universe

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



60, 62.236, 18.957



58, 77.378, 23.389



70, 53.515, 54.874



48, 5.141, 9.749



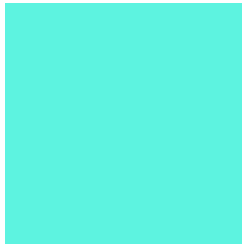
39, 77.011, 34.400



8, 30.306, 19.853

Previews

White Background



This preview shows how the CIE LCh color 88, 44.148, 183.474 looks on a white background.

Color Contrast Check

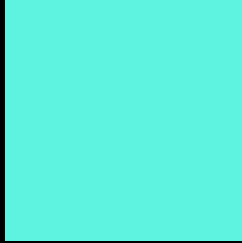
Large Text (above 18pt) WCAG AA × Fail

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, 44.148, 183.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

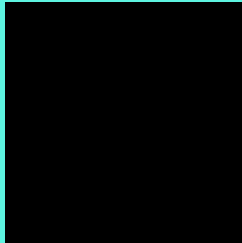
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 44.148, 183.474

Background



This preview shows how black text looks on a background with the CIELCh color 88, 44.148, 183.474.

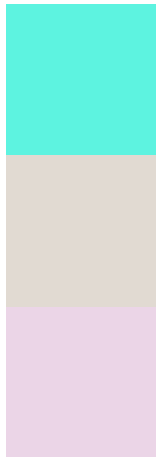


This preview shows how white text looks on a background with the CIELCh color 88, 44.148, 183.474.

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, 44.148, 183.474

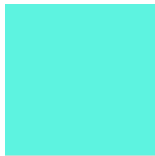
Protanopia
87, 4.876, 78.035

Deuteranopia
87, 12.304, 330.450

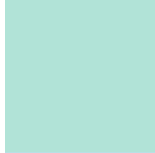


Tritanopia
88, 33.818, 213.736

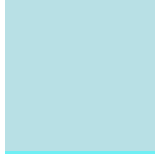
Trichromacy



Original Color
88, 44.148, 183.474



Protanomaly
87, 18.473, 178.191



Deuteranomaly
87, 13.695, 209.629

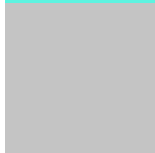


Tritanomaly
88, 36.402, 201.271

Monochromacy



Original Color
88, 44.148, 183.474



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 18.919, 186.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 44.148, 183.474 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(93, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(93, 243, 224)  
}
```

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(93, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 243, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 44.148, 183.474 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(93, 243, 224) }
```

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

```
.border{ border-color:rgb(93, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(93, 243,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 44.148, 183.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 243, 224) }
```

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

```
.background{ background-color: rgb(93, 243,  
224) }
```

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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