

Converting Colors

CIELCh(88, 48.700, 193.860)

Have a look what the booklet for
CIELCh(88, 48.700, 193.860)
contains.

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Color

CIELCh(88, 48.623, 193.874)

Conversions

Conversions Part 1

Format	Color
Hex	18F5F1
RGB	24, 245, 241
RGB Percent	9%, 96%, 95%
CMY	0.9047, 0.0379, 0.0537
CMYK	0.90, 0.00, 0.02, 0.04
HSL	179°, 92%, 53%
HSV	179°, 90%, 96%
XYZ	49.0562, 72.0653, 94.7900
YIQ	178.4650, -130.4320, -48.0960

Conversions

Conversions Part 2

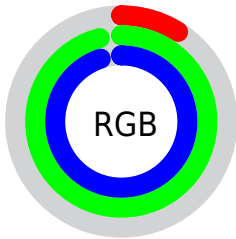
Format	Color
R _Y B	24, 136, 245
Decimal	1635825
CIE Lab	88.00, -47.20, -11.66
CIE LCh	88, 48.623, 193.874
Yxy	72.0653, 0.2272, 0.3338
Android (android.graphics.Color)	4279825905 (0xFF18F5F1)
YUV	178.4650, 30.8298, -135.4658
Hunter-Lab	84.8913, -45.4098, -6.7796

Details

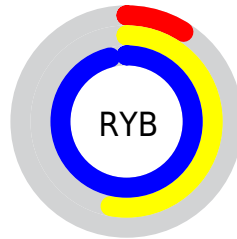
The CIELCh color **88, 48.623, 193.874** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **52, 94.890, 36.902**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.090, 197.085**, and **69, 40.332, 193.963** is the 20% darker color. If you saturate the color by 10%, you get **88, 49.350, 193.594**, and if you desaturate by 10%, it is **88, 47.076, 194.172**.

Distribution



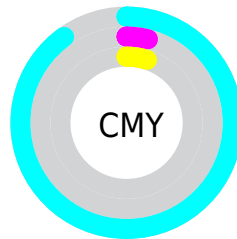
- Red (9%)
- Green (96%)
- Blue (95%)



- Red (9%)
- Yellow (53%)
- Blue (96%)



- Cyan (90%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (90%)
- Magenta (4%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 48.623, 193.874 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, 48.623, 193.874 by changing the saturation by 10% instead.

 88, 48.623,
193.874

 88, 48.623,
193.874

 100, 48.623,
193.874


 78, 48.623,
193.874

 68, 48.623,
193.874

 58, 48.623,
193.874

 48, 48.623,
193.874

 38, 48.623,
193.874

 28, 48.623,
193.874

 18, 48.623,

193.874

■ 8, 48.623, 193.874

■ 0, 48.623, 193.874

■ 88, 48.623,
193.874

■ 88, 48.623,
193.874

■ 88, 49.350,
193.594

■ 88, 47.076,
194.172

■ 89, 44.507,
194.499

■ 89, 40.858,
194.864

■ 90, 36.141,
195.271

■ 91, 30.428,

195.723

■ 92, 23.828,
196.221

■ 93, 16.475,
196.765

■ 95, 8.514, 197.368

■ 97, 0.083, 205.616

Harmonies

Complementary

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



88, 48.623, 193.874



52, 94.890, 36.902

Rectangle

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



88, 48.623, 193.874



88, 48.623, 243.874



88, 48.623, 13.874



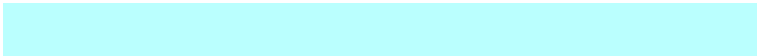
88, 48.623, 63.874

Sweetspot

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



88, 48.622, 193.873



96, 22.308, 196.381



85, 113.464, 136.163



51, 14.840, 196.201



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, 48.622, 193.873



91, 50.819, 193.588



58, 60.339, 276.789



50, 4.791, 197.409



68, 40.105, 193.640



22, 17.797, 193.999

Inverse Universe

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



52, 94.890, 36.902



53, 103.860, 39.501



66, 78.812, 59.854



48, 5.079, 18.473



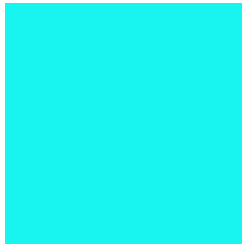
39, 81.724, 39.265



8, 30.907, 24.285

Previews

White Background



This preview shows how the CIE LCh color 88, 48.623, 193.874 looks on a white background.

Color Contrast Check

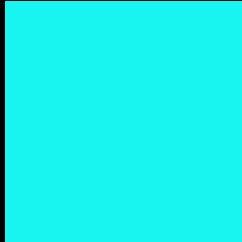
Large Text (above 18pt) WCAG AA × Fail

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, 48.623, 193.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

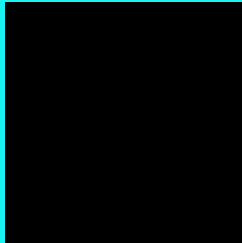
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 48.623, 193.874

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.623, 193.874.

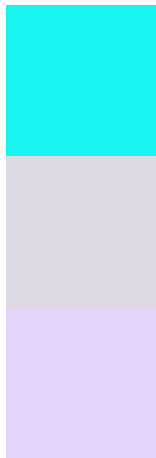


This preview shows how white text looks on a background with the CIELCh color 88, 48.623, 193.874.

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, 48.584, 193.874

Protanopia
87, 3.956, 311.615

Deuteranopia
87, 18.946, 305.226



Tritanopia
88, 36.419, 211.517

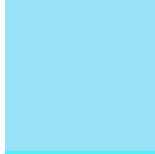
Trichromacy



Original Color
88, 48.584, 193.874



Protanomaly
86, 24.834, 201.436



Deuteranomaly
86, 24.423, 225.162

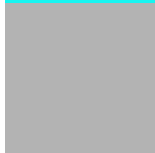


Tritanomaly
88, 41.837, 203.359

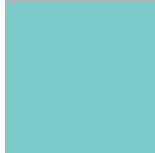
Monochromacy



Original Color
88, 48.584, 193.874



Achromatopsia
73, 0.009, 296.813



Achromatomaly
77, 25.732, 196.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.623, 193.874 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(24, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(24, 245, 241)  
}
```

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(24, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 245, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.623, 193.874 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(24, 245, 241) }
```

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

```
.border{ border-color:rgb(24, 245, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 245, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(24, 245,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.623, 193.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 245, 241) }
```

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

```
.background{ background-color: rgb(24, 245,  
241) }
```

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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