

Converting Colors

CIELCh(82, 43.520, 220.256)

Have a look what the booklet for
CIELCh(82, 43.520, 220.256)
contains.

CIELCh(82, 43.488, 220.204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 43.488, 220.204)

Conversions

Conversions Part 1

Format	Color
Hex	13DFFF
RGB	19, 223, 255
RGB Percent	7%, 87%, 100%
CMY	0.9243, 0.1244, 0.0000
CMYK	0.92, 0.12, 0.00, 0.00
HSL	188°, 100%, 54%
HSV	188°, 92%, 100%
XYZ	44.8277, 60.2982, 104.1158
YIQ	165.6520, -131.8560, -33.2960

Conversions

Conversions Part 2

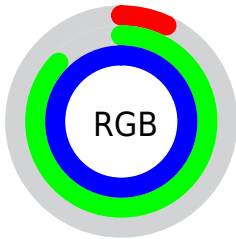
Format	Color
RYB	19, 128, 255
Decimal	1302527
CIELab	82.00, -33.21, -28.07
CIELCh	82, 43.488, 220.204
Yxy	60.2982, 0.2142, 0.2882
Android (android.graphics.Color)	4279492607 (0xFF13DFFF)
YUV	165.6520, 44.0486, -128.6138
Hunter-Lab	77.6519, -32.8446, -25.1398

Details

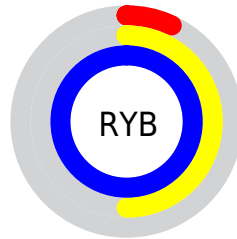
The CIELCh color **82, 43.488, 220.204** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **56, 96.936, 41.010**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.486, 197.062**, and **63, 35.995, 226.242** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.727, 221.932**, and if you desaturate by 10%, it is **83, 42.520, 217.808**.

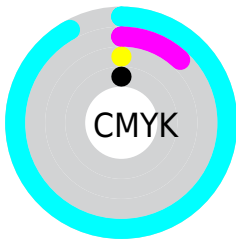
Distribution



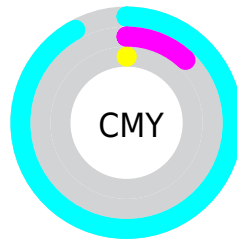
- Red (7%)
- Green (87%)
- Blue (100%)



- Red (7%)
- Yellow (50%)
- Blue (100%)



- Cyan (92%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (92%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 43.488, 220.204 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 82, 43.488, 220.204 by changing the saturation by 10% instead.


 82, 43.488,
220.204


 82, 43.488,
220.204


 100, 43.488,
220.204


 72, 43.488,
220.204

 62, 43.488,
220.204

 52, 43.488,
220.204

 42, 43.488,
220.204

 32, 43.488,
220.204

 22, 43.488,
220.204

 12, 43.488,

220.204

■ 2, 43.488, 220.204

■ 0, 43.488, 220.204

■ 82, 43.488,
220.204

■ 82, 43.488,
220.204

■ 81, 43.727,
221.932

■ 83, 42.520,
217.808

■ 85, 40.626,
216.076

■ 86, 37.704,
214.748

■ 88, 33.757,
213.766

■ 90, 28.848,

213.072

■ 92, 23.082,
212.614

■ 94, 16.584,
212.350

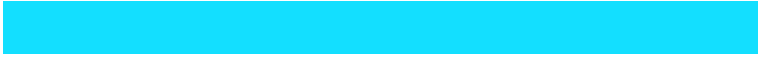
■ 97, 9.482, 212.255

■ 99, 1.901, 212.527

Harmonies

Complementary

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



82, 43.488, 220.204



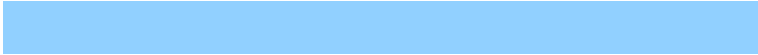
56, 96.936, 41.010

Rectangle

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



82, 43.488, 220.204



82, 43.488, 270.204



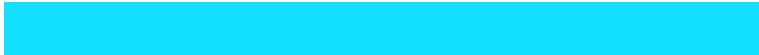
82, 43.488, 40.204



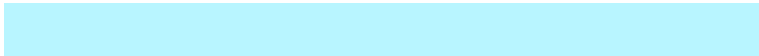
82, 43.488, 90.204

Sweetspot

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



82, 43.469, 219.997



93, 20.288, 212.476



88, 113.181, 137.977



49, 13.766, 212.610



0, 0.000, 0.000



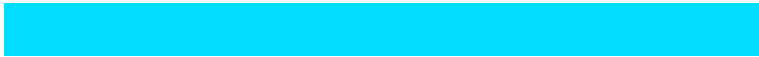
53, 0.007, 296.813

Same Dimension

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



82, 43.469, 219.997



81, 43.727, 221.932



49, 86.828, 292.567



52, 4.373, 212.263



62, 35.248, 221.433



21, 16.337, 218.022

Inverse Universe

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



59, 103.152, 334.058



58, 103.792, 334.575



76, 80.259, 73.911



50, 8.255, 328.889



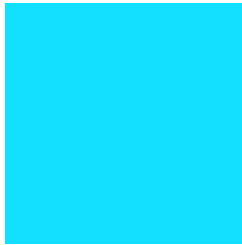
44, 83.750, 334.450



12, 39.018, 333.603

Previews

White Background



This preview shows how the CIE LCh color 82, 43.488, 220.204 looks on a white background.

Color Contrast Check

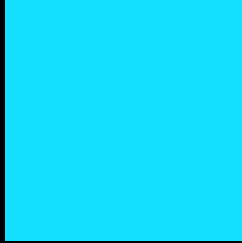
Large Text (above 18pt) WCAG AA × Fail

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 82, 43.488, 220.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

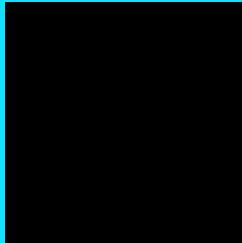
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 43.488, 220.204

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.488, 220.204.



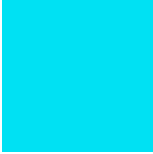
This preview shows how white text looks on a background with the CIELCh color 82, 43.488, 220.204.

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



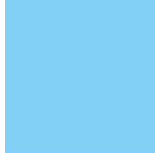


Tritanopia
82, 43.975, 209.362

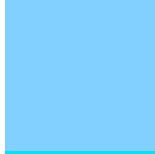
Trichromacy



Original Color
82, 43.458, 220.223



Protanomaly
80, 29.403, 240.707



Deuteranomaly
80, 32.724, 248.757

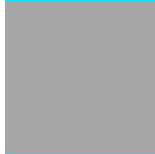


Tritanomaly
82, 43.597, 213.219

Monochromacy



Original Color
82, 43.458, 220.223



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 23.874, 212.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.488, 220.204 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(19, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 223, 255)  
}
```

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(19, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 223, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.488, 220.204 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(19, 223, 255) }
```

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

```
.border{ border-color:rgb(19, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 223,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.488, 220.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 223, 255) }
```

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

```
.background{ background-color: rgb(19, 223,  
255) }
```

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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