

Converting Colors

CIELCh(83, 44.054, 204.286)

Have a look what the booklet for
CIELCh(83, 44.054, 204.286)
contains.

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Color

CIELCh(83, 44.008, 204.298)

Conversions

Conversions Part 1

Format	Color
Hex	1CE4EF
RGB	28, 228, 239
RGB Percent	11%, 89%, 94%
CMY	0.8898, 0.1046, 0.0615
CMYK	0.88, 0.05, 0.00, 0.06
HSL	183°, 87%, 52%
HSV	183°, 88%, 94%
XYZ	43.9403, 62.1629, 91.5933
YIQ	169.4540, -122.7310, -38.9790

Conversions

Conversions Part 2

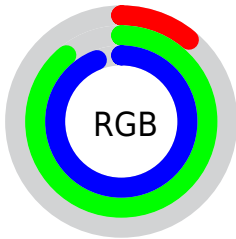
Format	Color
R _Y B	28, 131, 239
Decimal	1893615
CIE Lab	83.00, -40.11, -18.11
CIE LCh	83, 44.008, 204.298
Yxy	62.1629, 0.2223, 0.3144
Android (android.graphics.Color)	4280083695 (0xFF1CE4EF)
YUV	169.4540, 34.2862, -124.0552
Hunter-Lab	78.8435, -38.4962, -13.6873

Details

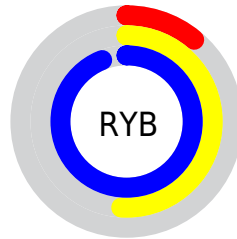
The CIELCh color **83, 44.008, 204.298** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **52, 91.208, 38.114**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.486, 197.062**, and **64, 36.127, 206.505** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.492, 205.064**, and if you desaturate by 10%, it is **84, 42.654, 203.709**.

Distribution



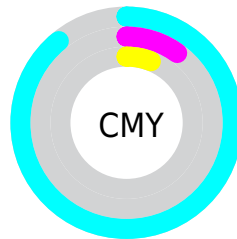
- Red (11%)
- Green (89%)
- Blue (94%)



- Red (11%)
- Yellow (51%)
- Blue (94%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 44.008, 204.298 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 83, 44.008, 204.298 by changing the saturation by 10% instead.

 83, 44.008,
204.298

 83, 44.008,
204.298

 100, 44.008,
204.298

 73, 44.008,
204.298

 63, 44.008,
204.298

 53, 44.008,
204.298

 43, 44.008,
204.298

 33, 44.008,
204.298

 23, 44.008,
204.298

 13, 44.008,

204.298

■ 3, 44.008, 204.298

■ 0, 44.008, 204.298

■ 83, 44.008,
204.298

■ 83, 44.008,
204.298

■ 83, 44.492,
205.064

■ 84, 42.654,
203.709

■ 82, 44.538,
205.206

■ 84, 40.288,
203.300

■ 85, 36.874,
203.058

■ 86, 32.440,
202.965

■ 88, 27.065,

203.002

■ 89, 20.864,
203.154

■ 91, 13.965,
203.406

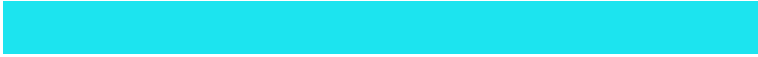
■ 93, 6.502, 203.771

■ 95, 1.402, 23.592

Harmonies

Complementary

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



83, 44.008, 204.298



52, 91.208, 38.114

Rectangle

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



83, 44.008, 204.298



83, 44.008, 254.298



83, 44.008, 24.298



83, 44.008, 74.298

Sweetspot

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



83, 44.007, 204.297



95, 20.376, 203.200



83, 109.145, 137.098



50, 13.629, 203.128



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 44.007, 204.297



87, 46.720, 205.238



53, 67.716, 284.315



49, 4.464, 203.717



65, 36.549, 205.049



19, 16.094, 203.764

Inverse Universe

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



57, 103.420, 330.142



60, 110.855, 330.463



68, 74.599, 67.486



47, 8.309, 326.379



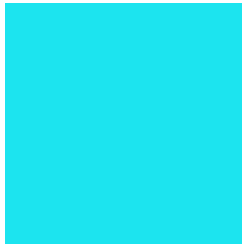
43, 86.687, 330.416



10, 38.058, 330.098

Previews

White Background



This preview shows how the CIE LCh color 83, 44.008, 204.298 looks on a white background.

Color Contrast Check

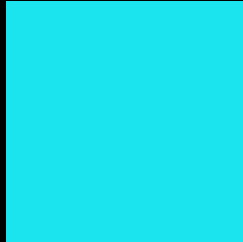
Large Text (above 18pt) WCAG AA × Fail

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 83, 44.008, 204.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

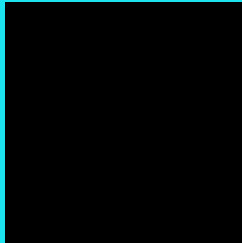
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 44.008, 204.298

Background



This preview shows how black text looks on a background with the CIELCh color 83, 44.008, 204.298.

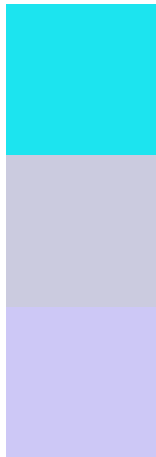


This preview shows how white text looks on a background with the CIELCh color 83, 44.008, 204.298.

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

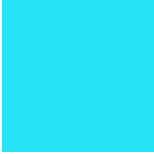
83, 43.961, 204.309

Protanopia

82, 10.605, 291.106

Deuteranopia

82, 24.498, 296.168

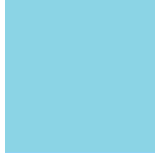


Tritanopia
83, 42.875, 210.498

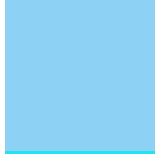
Trichromacy



Original Color
83, 43.961, 204.309



Protanomaly
81, 24.125, 220.143



Deuteranomaly
81, 26.887, 240.912

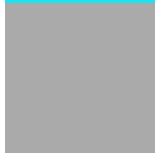


Tritanomaly
83, 43.164, 208.902

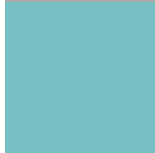
Monochromacy



Original Color
83, 43.961, 204.309



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 23.573, 202.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 44.008, 204.298 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(28, 228, 239)` looks like.

```
.text, #text, p{  
    color:rgb(28, 228, 239)  
}
```

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(28, 228, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 228, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 44.008, 204.298 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(28, 228, 239) }
```

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

```
.border{ border-color:rgb(28, 228, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 228, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 228, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 228, 239);  
box-shadow:4px 4px 4px 4px rgb(28, 228,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 44.008, 204.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 228, 239) }
```

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

```
.background{ background-color: rgb(28, 228,  
239) }
```

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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