

Converting Colors

CIELCh(83, 43.645, 209.278)

Have a look what the booklet for
CIELCh(83, 43.645, 209.278)
contains.

CIELCh(83, 43.723, 208.709)	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(83, 43.723, 208.709)

Conversions

Conversions Part 1

Format	Color
Hex	19E4F5
RGB	25, 228, 245
RGB Percent	10%, 89%, 96%
CMY	0.9008, 0.1067, 0.0400
CMYK	0.90, 0.07, 0.00, 0.04
HSL	185°, 91%, 53%
HSV	185°, 90%, 96%
XYZ	44.5436, 62.1629, 95.8706
YIQ	169.2410, -126.4450, -37.7490

Conversions

Conversions Part 2

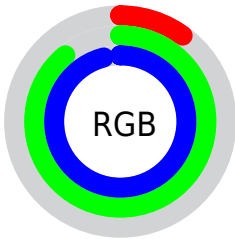
Format	Color
R _Y B	25, 131, 245
Decimal	1697013
CIE Lab	83.00, -38.35, -21.00
CIE LCh	83, 43.723, 208.709
Yxy	62.1629, 0.2199, 0.3069
Android (android.graphics.Color)	4279887093 (0xFF19E4F5)
YUV	169.2410, 37.3492, -126.4994
Hunter-Lab	78.8435, -37.1303, -16.9039

Details

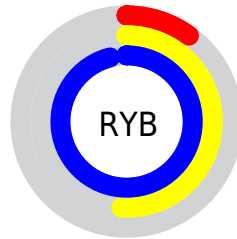
The CIELCh color **83, 43.723, 208.709** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **53, 93.371, 39.065**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.486, 197.062**, and **64, 35.920, 212.220** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.064, 209.979**, and if you desaturate by 10%, it is **84, 42.563, 207.685**.

Distribution



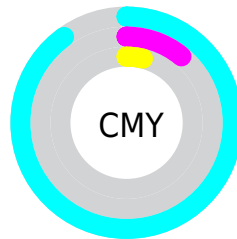
- Red (10%)
- Green (89%)
- Blue (96%)



- Red (10%)
- Yellow (51%)
- Blue (96%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (90%)
- Magenta (11%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 43.723, 208.709 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, 43.723, 208.709 by changing the saturation by 10% instead.


 83, 43.723,
208.709


 83, 43.723,
208.709


 100, 43.723,
208.709


 73, 43.723,
208.709

 63, 43.723,
208.709

 53, 43.723,
208.709

 43, 43.723,
208.709

 33, 43.723,
208.709

 23, 43.723,
208.709

 13, 43.723,

208.709

■ 3, 43.723, 208.709

■ 0, 43.723, 208.709

■ 83, 43.723,
208.709

■ 83, 43.723,
208.709

■ 82, 44.064,
209.979

■ 84, 42.563,
207.685

■ 82, 44.071,
210.023

■ 85, 40.397,
206.917

■ 86, 37.175,
206.380

■ 87, 32.921,
206.044

■ 89, 27.711,

205.881

■ 90, 21.658,
205.864

■ 92, 14.890,
205.973

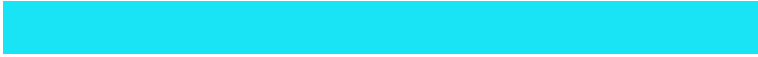
■ 94, 7.539, 206.206

■ 97, 0.268, 23.966

Harmonies

Complementary

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



83, 43.723, 208.709



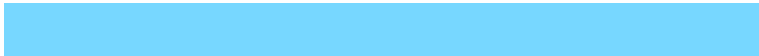
53, 93.371, 39.065

Rectangle

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



83, 43.723, 208.709



83, 43.723, 258.709



83, 43.723, 28.709



83, 43.723, 78.709

Sweetspot

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



83, 43.722, 208.708



94, 20.584, 205.881



85, 111.150, 137.202



50, 13.685, 205.861



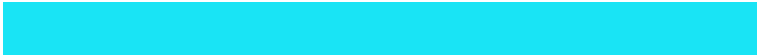
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 43.722, 208.708



85, 45.449, 210.056



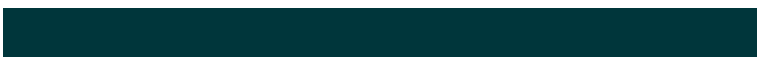
52, 72.281, 286.398



50, 4.435, 206.212



64, 35.929, 209.769



20, 16.141, 207.832

Inverse Universe

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



58, 103.713, 331.250



59, 108.624, 331.648



70, 76.619, 68.604



48, 8.307, 327.119



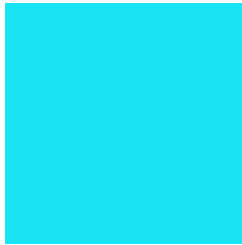
43, 85.848, 331.577



10, 38.477, 331.102

Previews

White Background



This preview shows how the CIE LCh color 83, 43.723, 208.709 looks on a white background.

Color Contrast Check

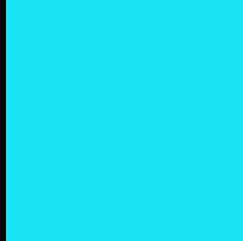
Large Text (above 18pt) WCAG AA × Fail

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, 43.723, 208.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

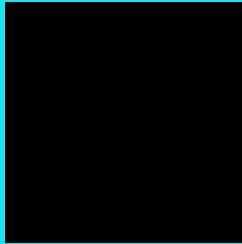
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 43.723, 208.709

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.723, 208.709.



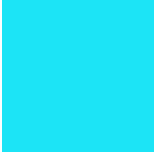
This preview shows how white text looks on a background with the CIELCh color 83, 43.723, 208.709.

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



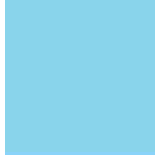


Tritanopia
83, 43.600, 209.484

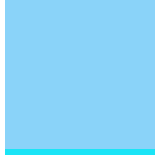
Trichromacy



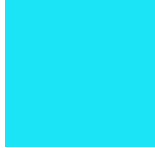
Original Color
83, 43.766, 208.695



Protanomaly
81, 25.498, 226.910



Deuteranomaly
81, 28.809, 243.190



Tritanomaly
83, 43.646, 209.468

Monochromacy



Original Color
83, 43.766, 208.695



Achromatopsia
69, 0.009, 296.813



Achromatomaly
73, 23.523, 207.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.723, 208.709 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(25, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(25, 228, 245)  
}
```

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(25, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 228, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.723, 208.709 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(25, 228, 245) }
```

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

```
.border{ border-color:rgb(25, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(25, 228,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.723, 208.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 228, 245) }
```

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

```
.background{ background-color: rgb(25, 228,  
245) }
```

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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