

Converting Colors

CIELCh(81, 39.135, 211.268)

Have a look what the booklet for
CIELCh(81, 39.135, 211.268)
contains.

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Color

CIELCh(81, 39.135, 211.268)

Conversions

Conversions Part 1

Format	Color
Hex	43DCEE
RGB	67, 220, 238
RGB Percent	26%, 86%, 93%
CMY	0.7380, 0.1377, 0.0672
CMYK	0.72, 0.08, 0.00, 0.07
HSL	186°, 83%, 60%
HSV	186°, 72%, 93%
XYZ	43.2748, 58.4711, 89.7945
YIQ	176.3050, -96.9660, -26.8380

Conversions

Conversions Part 2

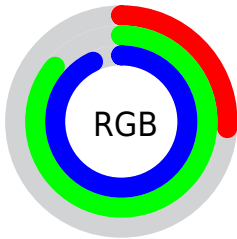
Format	Color
RYB	67, 148, 238
Decimal	4447470
CIELab	81.00, -33.45, -20.31
CIELCh	81, 39.135, 211.268
Yxy	58.4711, 0.2259, 0.3053
Android (android.graphics.Color)	4282637550 (0xFF43DCEE)
YUV	176.3050, 30.4156, -95.8605
Hunter-Lab	76.4664, -32.7972, -16.0978

Details

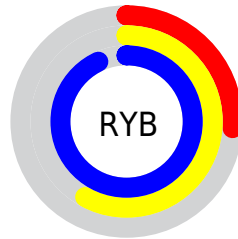
The CIELCh color **81, 39.135, 211.268** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **57, 71.625, 36.054**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.696, 197.287**, and **62, 34.680, 213.951** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.991, 212.497**, and if you desaturate by 10%, it is **82, 36.273, 210.349**.

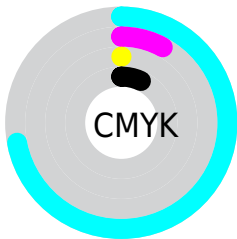
Distribution



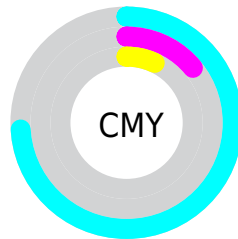
- Red (26%)
- Green (86%)
- Blue (93%)



- Red (26%)
- Yellow (58%)
- Blue (93%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (74%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 39.135, 211.268 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 81, 39.135, 211.268 by changing the saturation by 10% instead.


 81, 39.135,
211.268

 81, 39.135,
211.268


 100, 39.135,
211.268


 71, 39.135,
211.268

 61, 39.135,
211.268

 51, 39.135,
211.268

 41, 39.135,
211.268

 31, 39.135,
211.268

 21, 39.135,
211.268

 11, 39.135,

211.268

■ 1, 39.135, 211.268

■ 0, 39.135, 211.268

■ 81, 39.135,
211.268

■ 81, 39.135,
211.268

■ 80, 40.991,
212.497

■ 82, 36.273,
210.349

■ 79, 41.910,
214.077

■ 84, 32.417,
209.700

■ 78, 42.135,
215.589

■ 85, 27.632,
209.278

■ 87, 22.020,
209.046

■ 89, 15.703,

208.971

 91, 8.805, 209.037

 94, 1.448, 209.534

 96, 5.503, 30.465

 96, 5.056, 46.704

Harmonies

Complementary

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



81, 39.135, 211.268



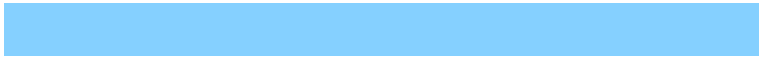
57, 71.625, 36.054

Rectangle

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



81, 39.135, 211.268



81, 39.135, 261.268



81, 39.135, 31.268



81, 39.135, 81.268

Sweetspot

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



81, 39.134, 211.267



95, 16.672, 208.971



83, 93.813, 140.085



50, 11.095, 208.978



0, 0.000, 0.000



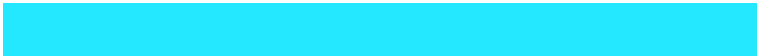
53, 0.007, 296.813

Same Dimension

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



81, 39.134, 211.267



85, 43.748, 213.149



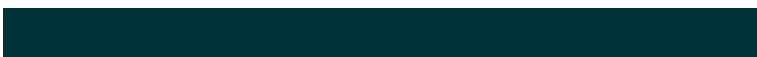
57, 59.295, 282.042



49, 4.256, 209.079



62, 34.743, 215.237



18, 15.340, 212.313

Inverse Universe

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



59, 90.454, 331.569



60, 103.716, 332.305



74, 62.558, 75.249



47, 8.009, 327.958



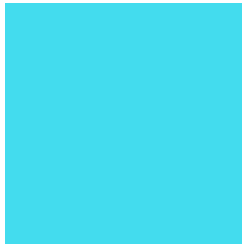
43, 83.148, 332.917



10, 36.715, 332.200

Previews

White Background



This preview shows how the CIE LCh color 81, 39.135, 211.268 looks on a white background.

Color Contrast Check

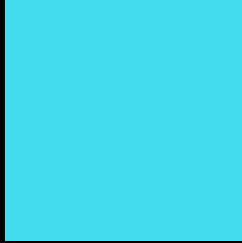
Large Text (above 18pt) WCAG AA × Fail

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 81, 39.135, 211.268 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 81, 39.135, 211.268

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.135, 211.268.

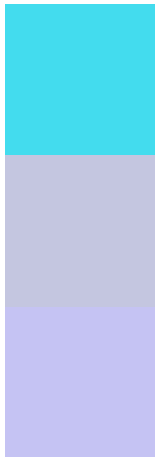


This preview shows how white text looks on a background with the CIELCh color 81, 39.135, 211.268.

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

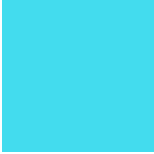
81, 39.135, 211.268

Protanopia

80, 13.851, 288.548

Deuteranopia

80, 25.615, 293.898

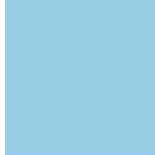


Tritanopia
81, 39.135, 211.268

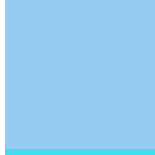
Trichromacy



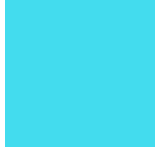
Original Color
81, 39.135, 211.268



Protanomaly
80, 21.431, 233.511



Deuteranomaly
80, 25.237, 250.502

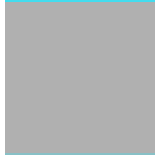


Tritanomaly
81, 39.135, 211.268

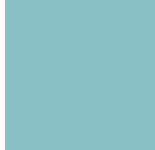
Monochromacy



Original Color
81, 39.135, 211.268



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 18.823, 208.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.135, 211.268 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(67, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(67, 220, 238)  
}
```

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(67, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 220, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.135, 211.268 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(67, 220, 238) }
```

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

```
.border{ border-color:rgb(67, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(67, 220,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.135, 211.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 220, 238) }
```

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

```
.background{ background-color: rgb(67, 220,  
238) }
```

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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