

Converting Colors

CIELCh(82, 28.048, 209.191)

Have a look what the booklet for
CIELCh(82, 28.048, 209.191)
contains.

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Color

CIELCh(82, 28.051, 209.700)

Conversions

Conversions Part 1

Format	Color
Hex	7FDAE5
RGB	127, 218, 229
RGB Percent	50%, 85%, 90%
CMY	0.5020, 0.1452, 0.1020
CMYK	0.45, 0.05, 0.00, 0.10
HSL	186°, 66%, 70%
HSV	186°, 45%, 90%
XYZ	47.9550, 60.2982, 83.2247
YIQ	192.0450, -57.7670, -15.8710

Conversions

Conversions Part 2

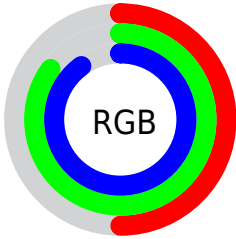
Format	Color
RYB	127, 175, 229
Decimal	8379109
CIELab	82.00, -24.37, -13.90
CIELCh	82, 28.051, 209.700
Yxy	60.2982, 0.2504, 0.3149
Android (android.graphics.Color)	4286569189 (0xFF7FDAE5)
YUV	192.0450, 18.2188, -57.0445
Hunter-Lab	77.6519, -25.6557, -9.1887

Details

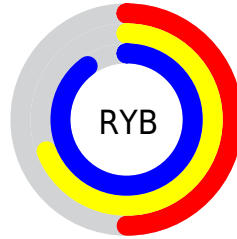
The CIELCh color **82, 28.051, 209.700** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 39.387, 31.804**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **62, 28.130, 209.982** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.462, 210.195**, and if you desaturate by 10%, it is **84, 22.814, 209.402**.

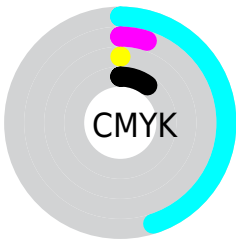
Distribution



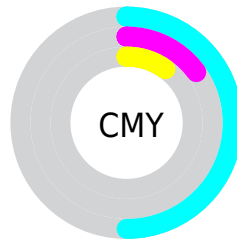
- Red (50%)
- Green (85%)
- Blue (90%)



- Red (50%)
- Yellow (69%)
- Blue (90%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.051, 209.700 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, 28.051, 209.700 by changing the saturation by 10% instead.

■ 82, 28.051,
209.700

■ 82, 28.051,
209.700

■ 100, 28.051,
209.700

■ 72, 28.051,
209.700

■ 62, 28.051,
209.700

■ 52, 28.051,
209.700

■ 42, 28.051,
209.700

■ 32, 28.051,
209.700

■ 22, 28.051,
209.700

■ 12, 28.051,

209.700

■ 2, 28.051, 209.700

■ 0, 28.051, 209.700

■ 82, 28.051,
209.700

■ 82, 28.051,
209.700

■ 80, 32.462,
210.195

■ 84, 22.814,
209.402

■ 79, 35.958,
210.933

■ 86, 16.865,
209.273

■ 78, 38.485,
211.957

■ 88, 10.326,
209.288

■ 77, 40.052,
213.309

■ 90, 3.314, 209.511

■ 76, 40.741,

■ 92, 4.064, 29.350

215.026

94, 8.299, 33.473

75, 40.875,
216.082

95, 7.854, 43.923

95, 7.697, 55.187

96, 7.846, 66.444

Harmonies

Complementary

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



82, 28.051, 209.700



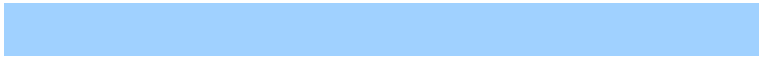
67, 39.387, 31.804

Rectangle

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



82, 28.051, 209.700



82, 28.051, 259.700



82, 28.051, 29.700



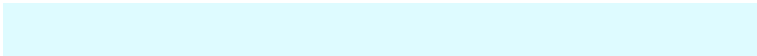
82, 28.051, 79.700

Sweetspot

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



82, 28.051, 209.698



97, 10.115, 209.303



83, 60.204, 143.612



51, 7.032, 209.282



0, 0.000, 0.000



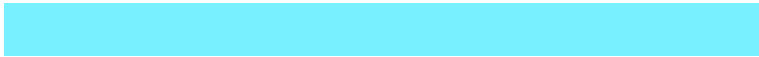
53, 0.007, 296.813

Same Dimension

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



82, 28.051, 209.698



89, 34.678, 210.121



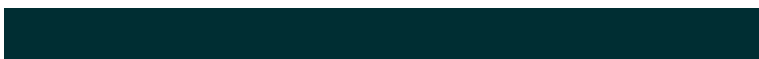
68, 35.199, 273.499



47, 4.098, 209.357



60, 33.967, 215.724



16, 14.436, 212.397

Inverse Universe

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



67, 59.696, 330.138



70, 76.022, 330.644



79, 37.017, 79.448



45, 7.714, 328.036



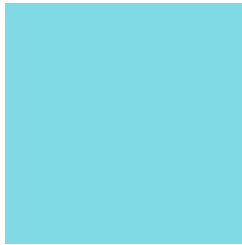
41, 81.275, 333.037



8, 34.551, 332.221

Previews

White Background



This preview shows how the CIE LCh color 82, 28.051, 209.700 looks on a white background.

Color Contrast Check

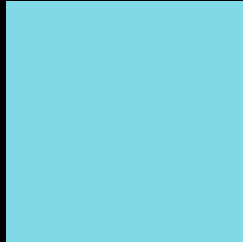
Large Text (above 18pt) WCAG AA × Fail

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, 28.051, 209.700 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, 28.051, 209.700

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.051, 209.700.

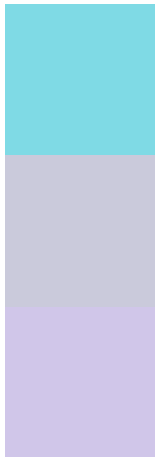


This preview shows how white text looks on a background with the CIELCh color 82, 28.051, 209.700.

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](#).

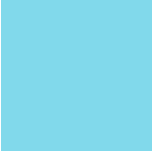
Dichromacy



Original Color
82, 28.051, 209.700

Protanopia
82, 9.024, 290.974

Deuteranopia
82, 18.978, 302.218



Tritanopia
82, 27.749, 218.033

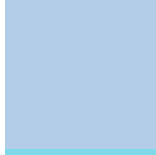
Trichromacy



Original Color
82, 28.051, 209.700



Protanomaly
82, 13.470, 235.167



Deuteranomaly
81, 16.490, 259.843

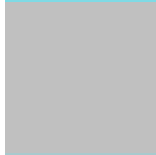


Tritanomaly
82, 27.810, 215.616

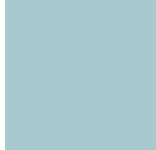
Monochromacy



Original Color
82, 28.051, 209.700



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 11.590, 209.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.051, 209.700 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(127, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(127, 218, 229)  
}
```

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(127, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 218, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.051, 209.700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

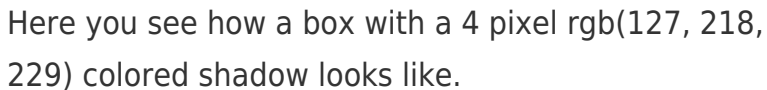
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 218, 229) }
```

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

```
.border{ border-color:rgb(127, 218, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(127, 218,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.051, 209.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 218, 229) }
```

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

```
.background{ background-color: rgb(127,  
218, 229) }
```

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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