

Converting Colors

CIELCh(82, 35.049, 219.793)

Have a look what the booklet for
CIELCh(82, 35.049, 219.793)
contains.

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Color

CIELCh(82, 35.030, 219.848)

Conversions

Conversions Part 1

Format	Color
Hex	62DCF5
RGB	98, 220, 245
RGB Percent	38%, 86%, 96%
CMY	0.6162, 0.1377, 0.0397
CMYK	0.60, 0.10, 0.00, 0.04
HSL	190°, 88%, 67%
HSV	190°, 60%, 96%
XYZ	47.0471, 60.2982, 95.4490
YIQ	186.3720, -80.7370, -18.0890

Conversions

Conversions Part 2

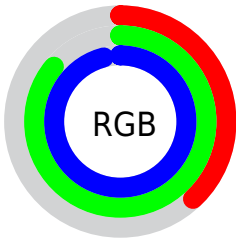
Format	Color
RYB	98, 165, 245
Decimal	6479093
CIELab	82.00, -26.89, -22.45
CIELCh	82, 35.030, 219.848
Yxy	60.2982, 0.2320, 0.2973
Android (android.graphics.Color)	4284669173 (0xFF62DCF5)
YUV	186.3720, 28.9036, -77.5022
Hunter-Lab	77.6519, -27.7428, -18.5224

Details

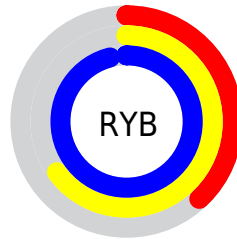
The CIELCh color **82, 35.030, 219.848** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 56.945, 38.284**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.133, 197.623**, and **62, 35.049, 219.793** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.141, 221.531**, and if you desaturate by 10%, it is **84, 30.988, 218.573**.

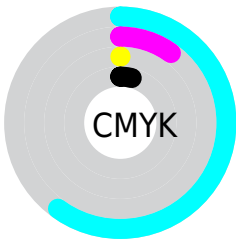
Distribution



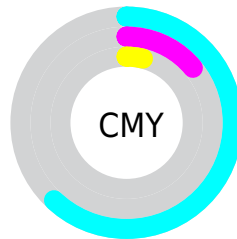
- Red (38%)
- Green (86%)
- Blue (96%)



- Red (38%)
- Yellow (65%)
- Blue (96%)



- Cyan (60%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (62%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 35.030, 219.848 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, 35.030, 219.848 by changing the saturation by 10% instead.

■ 82, 35.030,
219.848

■ 82, 35.030,
219.848

■ 100, 35.030,
219.848

■ 72, 35.030,
219.848

■ 62, 35.030,
219.848

■ 52, 35.030,
219.848

■ 42, 35.030,
219.848

■ 32, 35.030,
219.848

■ 22, 35.030,
219.848

■ 12, 35.030,

219.848

■ 2, 35.030, 219.848

■ 0, 35.030, 219.848

■ 82, 35.030,
219.848

■ 82, 35.030,
219.848

■ 80, 38.141,
221.531

■ 84, 30.988,
218.573

■ 79, 40.311,
223.702

■ 86, 26.085,
217.637

■ 77, 41.607,
226.427

■ 89, 20.421,
216.974

■ 76, 42.251,
229.668

■ 91, 14.113,
216.536

■ 94, 7.279, 216.296

96, 0.030, 238.277

98, 2.968, 64.515

99, 4.251, 101.185

100, 5.120,
109.780

Harmonies

Complementary

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



82, 35.030, 219.848



65, 56.945, 38.284

Rectangle

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



82, 35.030, 219.848



82, 35.030, 269.848



82, 35.030, 39.848



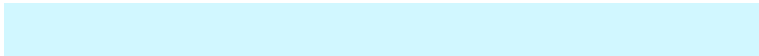
82, 35.030, 89.848

Sweetspot

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



82, 35.029, 219.847



95, 13.186, 216.472



87, 79.518, 143.600



50, 9.078, 216.568



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, 35.029, 219.847



83, 39.883, 221.948



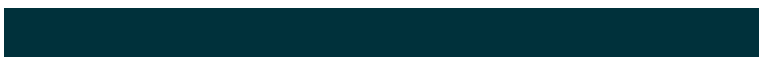
62, 55.567, 283.262



50, 4.127, 216.289



59, 34.380, 229.033



18, 15.305, 224.150

Inverse Universe

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



64, 78.166, 333.411



63, 91.504, 334.272



82, 55.304, 82.954



48, 7.786, 330.056



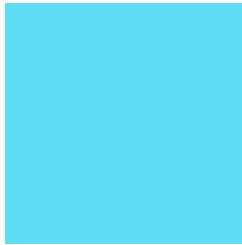
42, 79.894, 336.391



10, 36.138, 335.134

Previews

White Background



This preview shows how the CIE LCh color 82, 35.030, 219.848 looks on a white background.

Color Contrast Check

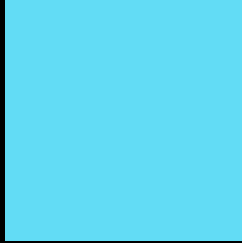
Large Text (above 18pt) WCAG AA × Fail

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, 35.030, 219.848 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, 35.030, 219.848

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.030, 219.848.

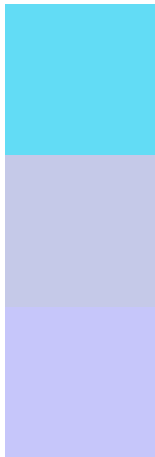


This preview shows how white text looks on a background with the CIELCh color 82, 35.030, 219.848.

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, 35.030, 219.848

Protanopia

82, 16.490, 286.886

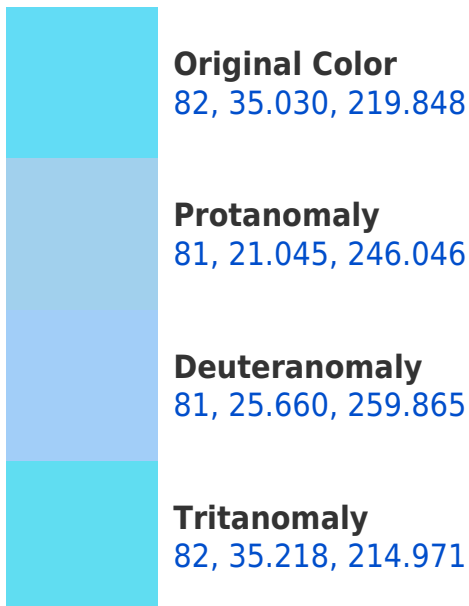
Deuteranopia

81, 27.644, 292.568

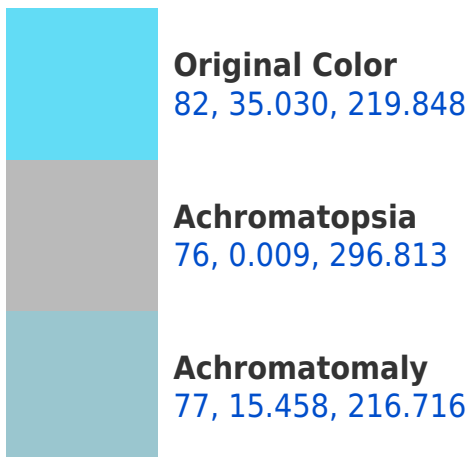


Tritanopia
82, 35.314, 213.069

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.030, 219.848 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(98, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(98, 220, 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(98, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 220, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.030, 219.848 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(98, 220, 245) }
```

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

```
.border{ border-color:rgb(98, 220, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(98, 220,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.030, 219.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 220, 245) }
```

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

```
.background{ background-color: rgb(98, 220,  
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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