

Converting Colors

CIELCh(82, 32.274, 239.498)

Have a look what the booklet for
CIELCh(82, 32.274, 239.498)
contains.

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Color

CIELCh(82, 32.270, 239.558)

Conversions

Conversions Part 1

Format	Color
Hex	7DD7FF
RGB	125, 215, 255
RGB Percent	49%, 84%, 100%
CMY	0.5090, 0.1561, 0.0000
CMYK	0.51, 0.16, 0.00, 0.00
HSL	198°, 100%, 75%
HSV	198°, 51%, 100%
XYZ	50.9109, 60.2982, 103.7190
YIQ	192.6500, -66.4800, -6.6400

Conversions

Conversions Part 2

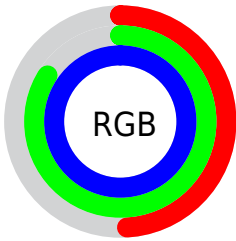
Format	Color
RYB	125, 178, 255
Decimal	8247295
CIELab	82.00, -16.35, -27.82
CIELCh	82, 32.270, 239.558
Yxy	60.2982, 0.2369, 0.2806
Android (android.graphics.Color)	4286437375 (0xFF7DD7FF)
YUV	192.6500, 30.7386, -59.3290
Hunter-Lab	77.6519, -18.8609, -24.8368

Details

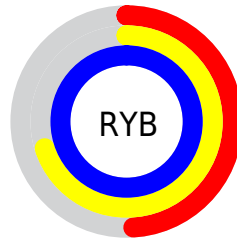
The CIELCh color **82, 32.270, 239.558** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 45.044, 49.675**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.846, 198.009**, and **62, 32.276, 239.609** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.915, 242.024**, and if you desaturate by 10%, it is **85, 26.891, 237.302**.

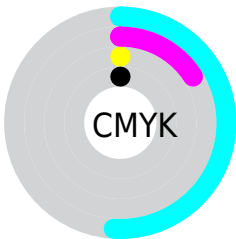
Distribution



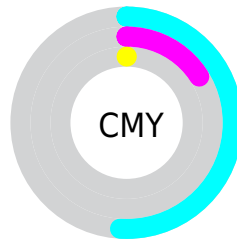
- Red (49%)
- Green (84%)
- Blue (100%)



- Red (49%)
- Yellow (70%)
- Blue (100%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 32.270, 239.558 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, 32.270, 239.558 by changing the saturation by 10% instead.


 82, 32.270,
239.558


 82, 32.270,
239.558


 100, 32.270,
239.558


 72, 32.270,
239.558

 62, 32.270,
239.558

 52, 32.270,
239.558

 42, 32.270,
239.558

 32, 32.270,
239.558

 22, 32.270,
239.558

 12, 32.270,

239.558

■ 2, 32.270, 239.558

■ 0, 32.270, 239.558

■ 82, 32.270,
239.558

■ 82, 32.270,
239.558

■ 79, 36.915,
242.024

■ 85, 26.891,
237.302

■ 76, 40.965,
245.272

■ 89, 20.990,
235.645

■ 73, 44.424,
249.209

■ 92, 14.595,
234.345

■ 71, 47.431,
253.835

■ 96, 7.791, 233.347

■ 68, 50.001,

■ 100, 0.663,
233.366

258.472

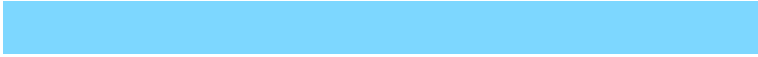
100, 0.012,

296.813

Harmonies

Complementary

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



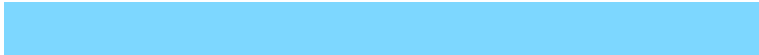
82, 32.270, 239.558



76, 45.044, 49.675

Rectangle

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



82, 32.270, 239.558



82, 32.270, 289.558



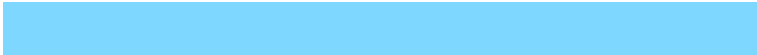
82, 32.270, 59.558



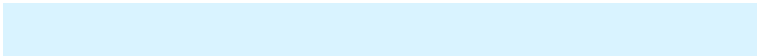
82, 32.270, 109.558

Sweetspot

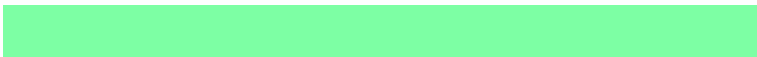
The Sweet Spot groups the original color and five complimentary colors.



82, 32.219, 239.398



94, 10.622, 233.721



91, 64.159, 149.364



50, 7.212, 233.932



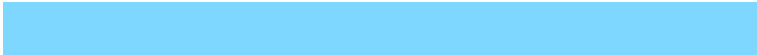
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 32.219, 239.398



79, 36.957, 242.052



65, 57.750, 289.124



51, 4.075, 233.233



52, 39.919, 257.501



16, 17.382, 250.420

Inverse Universe

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



70, 64.315, 338.646



66, 74.739, 339.702



91, 53.549, 94.259



50, 7.305, 335.187



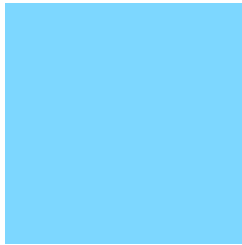
42, 73.999, 345.441



11, 34.873, 342.767

Previews

White Background



This preview shows how the CIE LCh color 82, 32.270, 239.558 looks on a white background.

Color Contrast Check

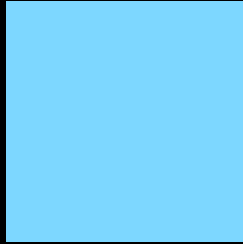
Large Text (above 18pt) WCAG AA × Fail

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, 32.270, 239.558 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

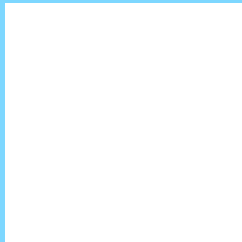
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 32.270, 239.558

Background



This preview shows how black text looks on a background with the CIELCh color 82, 32.270, 239.558.

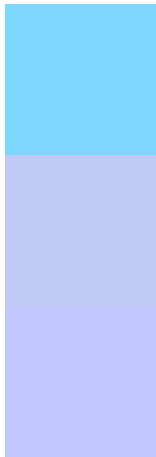


This preview shows how white text looks on a background with the CIELCh color 82, 32.270, 239.558.

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, 32.270, 239.558

Protanopia

82, 23.438, 285.766

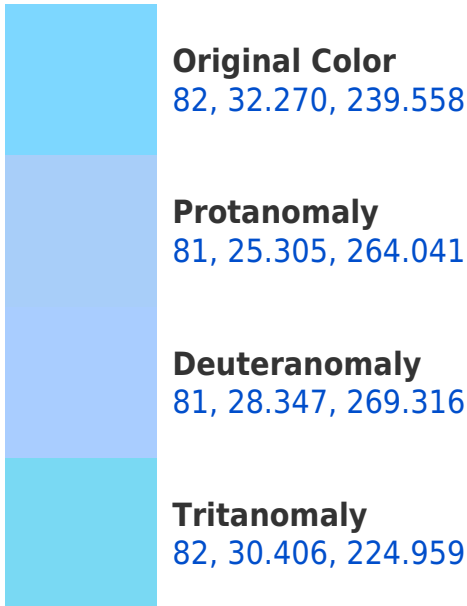
Deuteranopia

82, 29.749, 289.650

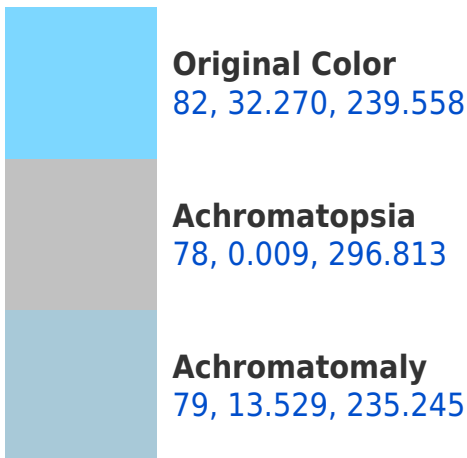


Tritanopia
82, 30.148, 216.204

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 32.270, 239.558 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(125, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 215, 255)  
}
```

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(125, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 215, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 32.270, 239.558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

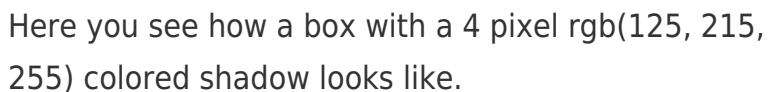
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 215, 255) }
```

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

```
.border{ border-color:rgb(125, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 215, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 215, 255); box-shadow:4px 4px 4px 4px rgb(125, 215, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 32.270, 239.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 215, 255) }
```

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

```
.background{ background-color: rgb(125,  
215, 255) }
```

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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