

Converting Colors

CIELCh(81, 32.088, 242.856)

Have a look what the booklet for
CIELCh(81, 32.088, 242.856)
contains.

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Color

CIELCh(81, 32.186, 242.484)

Conversions

Conversions Part 1

Format	Color
Hex	7ED4FE
RGB	126, 212, 254
RGB Percent	49%, 83%, 100%
CMY	0.5072, 0.1699, 0.0052
CMYK	0.50, 0.17, 0.00, 0.01
HSL	200°, 98%, 74%
HSV	200°, 50%, 99%
XYZ	49.8538, 58.4711, 102.1454
YIQ	191.0740, -64.7380, -5.1700

Conversions

Conversions Part 2

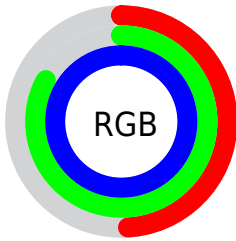
Format	Color
R _Y B	126, 177, 254
Decimal	8312062
CIE Lab	81.00, -14.87, -28.55
CIE LCh	81, 32.186, 242.484
Yxy	58.4711, 0.2369, 0.2778
Android (android.graphics.Color)	4286502142 (0xFF7ED4FE)
YUV	191.0740, 31.0225, -57.0699
Hunter-Lab	76.4664, -17.4394, -25.6743

Details

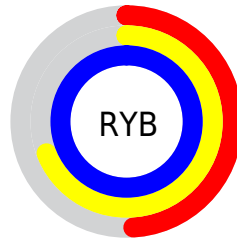
The CIELCh color **81, 32.186, 242.484** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 44.097, 51.761**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **61, 32.193, 242.777** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.078, 245.224**, and if you desaturate by 10%, it is **84, 26.717, 240.278**.

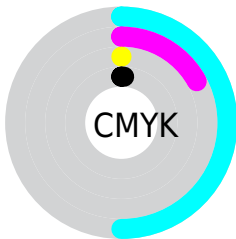
Distribution



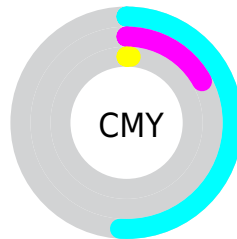
- Red (49%)
- Green (83%)
- Blue (100%)



- Red (49%)
- Yellow (69%)
- Blue (100%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (51%)
- Magenta (17%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 32.186, 242.484 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, 32.186, 242.484 by changing the saturation by 10% instead.


 81, 32.186,
242.484

 81, 32.186,
242.484


 100, 32.186,
242.484


 71, 32.186,
242.484


 61, 32.186,
242.484

 51, 32.186,
242.484

 41, 32.186,
242.484

 31, 32.186,
242.484

 21, 32.186,
242.484

 11, 32.186,

242.484

■ 1, 32.186, 242.484

■ 0, 32.186, 242.484

■ 81, 32.186,
242.484

■ 81, 32.186,
242.484

■ 78, 37.078,
245.224

■ 84, 26.717,
240.278

■ 75, 41.388,
248.589

■ 88, 20.723,
238.519

■ 72, 45.176,
252.632

■ 92, 14.277,
237.125

■ 69, 48.581,
257.342

■ 95, 7.456, 236.042

■ 67, 51.710,

■ 99, 0.339, 236.799

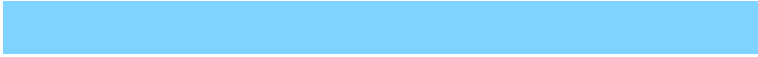
262.257

100, 0.664,
110.012

Harmonies

Complementary

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



81, 32.186, 242.484



76, 44.097, 51.761

Rectangle

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



81, 32.186, 242.484



81, 32.186, 292.484



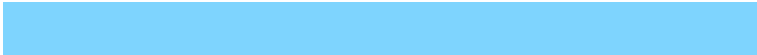
81, 32.186, 62.484



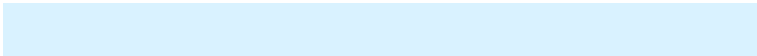
81, 32.186, 112.484

Sweetspot

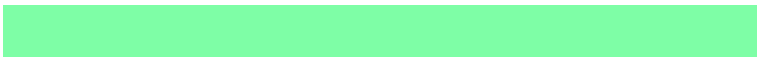
The Sweet Spot groups the original color and five complimentary colors.



81, 32.185, 242.483



94, 10.639, 236.497



91, 62.548, 150.061



49, 7.226, 236.729



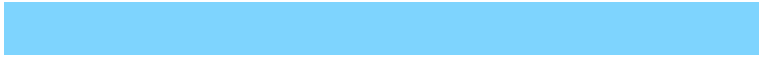
0, 0.000, 0.000



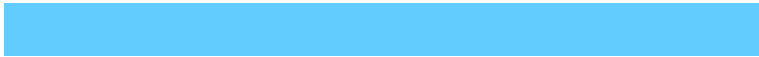
53, 0.007, 296.813

Same Dimension

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



81, 32.185, 242.483



78, 37.481, 245.395



64, 58.194, 289.892



51, 4.078, 235.956



51, 41.397, 261.293



16, 17.848, 254.088

Inverse Universe

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



70, 62.690, 339.626



65, 73.752, 340.796



91, 53.611, 95.407



50, 7.195, 336.080



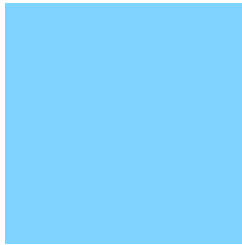
42, 73.047, 347.063



11, 34.442, 344.101

Previews

White Background



This preview shows how the CIELCh color 81, 32.186, 242.484 looks on a white background.

Color Contrast Check

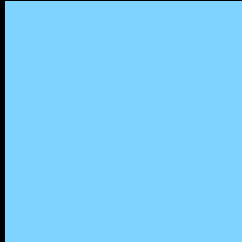
Large Text (above 18pt) WCAG AA × Fail

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, 32.186, 242.484 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

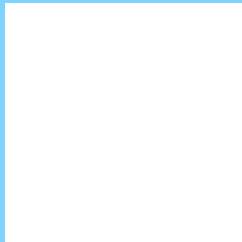
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 32.186, 242.484

Background



This preview shows how black text looks on a background with the CIELCh color 81, 32.186, 242.484.



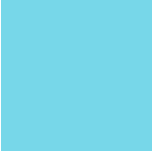
This preview shows how white text looks on a background with the CIELCh color 81, 32.186, 242.484.

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
81, 29.489, 216.712

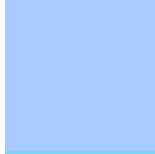
Trichromacy



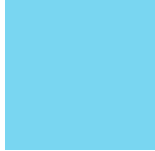
Original Color
81, 32.186, 242.484



Protanomaly
81, 26.038, 266.584



Deuteranomaly
81, 29.755, 271.397

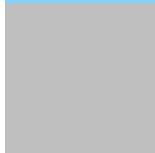


Tritanomaly
81, 29.956, 226.683

Monochromacy



Original Color
81, 32.186, 242.484



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 13.290, 236.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 32.186, 242.484 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(126, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(126, 212, 254)  
}
```

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(126, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 212, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 32.186, 242.484 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(126, 212, 254) }
```

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

```
.border{ border-color:rgb(126, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(126, 212,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 32.186, 242.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 212, 254) }
```

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

```
.background{ background-color: rgb(126,  
212, 254) }
```

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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