

Converting Colors

CIELCh(81, 32.512, 241.859)

Have a look what the booklet for
CIELCh(81, 32.512, 241.859)
contains.

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Color

CIELCh(81, 32.505, 241.924)

Conversions

Conversions Part 1

Format	Color
Hex	7CD4FE
RGB	124, 212, 254
RGB Percent	49%, 83%, 100%
CMY	0.5141, 0.1690, 0.0043
CMYK	0.51, 0.17, 0.00, 0.00
HSL	199°, 98%, 74%
HSV	199°, 51%, 100%
XYZ	49.6951, 58.4711, 102.3564
YIQ	190.4760, -65.9300, -5.5940

Conversions

Conversions Part 2

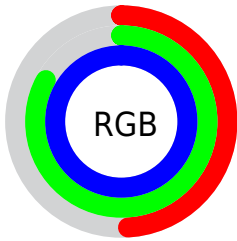
Format	Color
RYB	124, 176, 254
Decimal	8180990
CIELab	81.00, -15.30, -28.68
CIELCh	81, 32.505, 241.924
Yxy	58.4711, 0.2361, 0.2777
Android (android.graphics.Color)	4286371070 (0xFF7CD4FE)
YUV	190.4760, 31.3173, -58.2995
Hunter-Lab	76.4664, -17.8100, -25.8380

Details

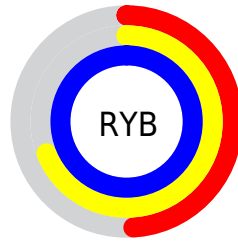
The CIELCh color **81, 32.505, 241.924** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 44.962, 51.245**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **61, 32.529, 242.170** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.310, 244.676**, and if you desaturate by 10%, it is **84, 27.107, 239.711**.

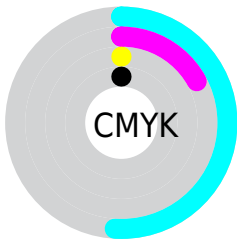
Distribution



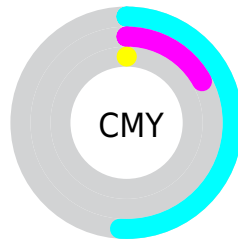
- Red (49%)
- Green (83%)
- Blue (100%)



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



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 32.505, 241.924 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, 32.505, 241.924 by changing the saturation by 10% instead.

■ 81, 32.505,
241.924

■ 81, 32.505,
241.924

■ 100, 32.505,
241.924

■ 71, 32.505,
241.924

■ 61, 32.505,
241.924

■ 51, 32.505,
241.924

■ 41, 32.505,
241.924

■ 31, 32.505,
241.924

■ 21, 32.505,
241.924

■ 11, 32.505,

241.924

■ 1, 32.505, 241.924

■ 0, 32.505, 241.924

■ 81, 32.505,
241.924

■ 81, 32.505,
241.924

■ 78, 37.310,
244.676

■ 84, 27.107,
239.711

■ 75, 41.521,
248.058

■ 88, 21.170,
237.949

■ 72, 45.199,
252.124

■ 92, 14.765,
236.555

■ 69, 48.491,
256.857

■ 95, 7.973, 235.472

■ 67, 51.282,

■ 99, 0.873, 235.185

261.392

100, 0.541,
109.994

Harmonies

Complementary

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



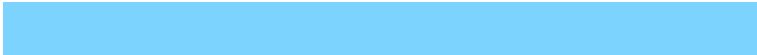
81, 32.505, 241.924



76, 44.962, 51.245

Rectangle

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



81, 32.505, 241.924



81, 32.505, 291.924



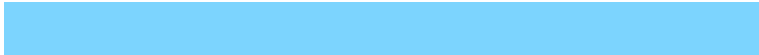
81, 32.505, 61.924



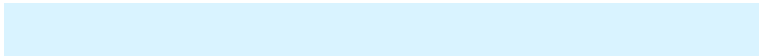
81, 32.505, 111.924

Sweetspot

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



81, 32.504, 241.923



94, 10.633, 235.849



91, 63.435, 149.959



49, 7.221, 236.077



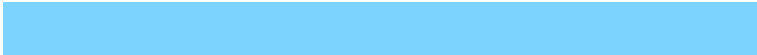
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 32.504, 241.923



78, 37.348, 244.620



64, 59.169, 290.071



51, 4.076, 235.320



51, 41.036, 260.427



16, 17.733, 253.244

Inverse Universe

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



70, 63.750, 339.460



65, 73.980, 340.537



91, 54.401, 95.316



50, 7.220, 335.869



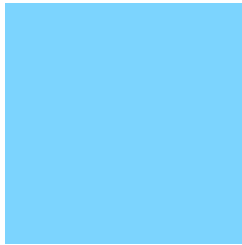
42, 73.263, 346.679



11, 34.541, 343.785

Previews

White Background



This preview shows how the CIE LCh color 81, 32.505, 241.924 looks on a white background.

Color Contrast Check

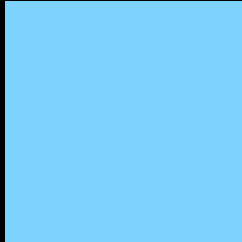
Large Text (above 18pt) WCAG AA × Fail

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, 32.505, 241.924 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

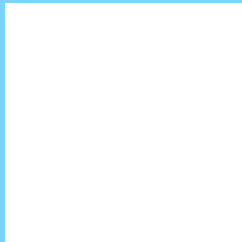
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 32.505, 241.924

Background



This preview shows how black text looks on a background with the CIELCh color 81, 32.505, 241.924.




This preview shows how white text looks on a background with the CIELCh color 81, 32.505, 241.924.

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, 30.064, 215.194

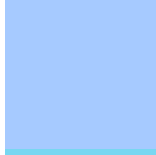
Trichromacy



Original Color
81, 32.505, 241.924



Protanomaly
81, 26.154, 265.993



Deuteranomaly
80, 29.848, 270.873

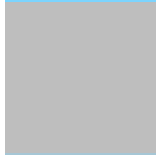


Tritanomaly
81, 30.196, 225.221

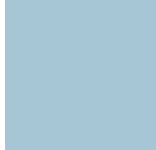
Monochromacy



Original Color
81, 32.505, 241.924



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 13.299, 236.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 32.505, 241.924 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(124, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 212, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 32.505, 241.924 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(124, 212, 254) }
```

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

```
.border{ border-color:rgb(124, 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(124, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(124, 212,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 32.505, 241.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 212, 254) }
```

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

```
.background{ background-color: rgb(124,  
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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