

Converting Colors

CIELCh(81, 34.621, 237.894)

Have a look what the booklet for
CIELCh(81, 34.621, 237.894)
contains.

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Color

CIELCh(81, 34.583, 237.339)

Conversions

Conversions Part 1

Format	Color
Hex	6FD6FF
RGB	111, 214, 255
RGB Percent	44%, 84%, 100%
CMY	0.5662, 0.1621, 0.0014
CMYK	0.57, 0.16, 0.00, 0.00
HSL	197°, 100%, 72%
HSV	197°, 57%, 100%
XYZ	48.4600, 58.4711, 103.0393
YIQ	187.8770, -74.5490, -9.0850

Conversions

Conversions Part 2

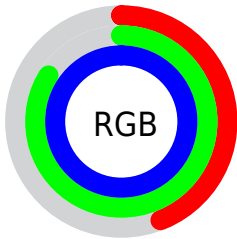
Format	Color
R_{YB}	111, 171, 255
Decimal	7329535
CIE _{Lab}	81.00, -18.66, -29.11
CIE _{LCh}	81, 34.583, 237.339
Y _{xy}	58.4711, 0.2308, 0.2785
Android (android.graphics.Color)	4285519615 (0xFF6FD6FF)
YUV	187.8770, 33.0916, -67.4211
Hunter-Lab	76.4664, -20.6931, -26.3675

Details

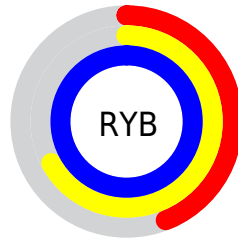
The CIELCh color **81, 34.583, 237.339** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **73, 51.491, 47.522**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.210, 197.801**, and **61, 34.577, 237.432** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.700, 240.126**, and if you desaturate by 10%, it is **84, 29.761, 235.119**.

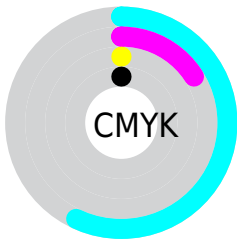
Distribution



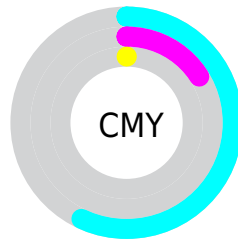
- Red (44%)
- Green (84%)
- Blue (100%)



- Red (44%)
- Yellow (67%)
- Blue (100%)



- Cyan (57%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 34.583, 237.339 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, 34.583, 237.339 by changing the saturation by 10% instead.


 81, 34.583,
237.339


 81, 34.583,
237.339


 100, 34.583,
237.339


 71, 34.583,
237.339


 61, 34.583,
237.339

 51, 34.583,
237.339

 41, 34.583,
237.339

 31, 34.583,
237.339

 21, 34.583,
237.339

 11, 34.583,

237.339

■ 1, 34.583, 237.339

■ 0, 34.583, 237.339

■ 81, 34.583,
237.339

■ 81, 34.583,
237.339

■ 78, 38.700,
240.126

■ 84, 29.761,
235.119

■ 75, 42.125,
243.570

■ 87, 24.282,
233.373

■ 73, 44.951,
247.722

■ 91, 18.223,
232.012

■ 71, 47.363,
252.546

■ 94, 11.676,
230.965

■ 70, 48.183,

■ 97, 4.732, 230.215

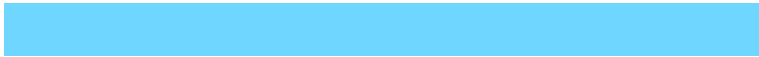
254.266

100, 0.168,
109.707

Harmonies

Complementary

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



81, 34.583, 237.339



73, 51.491, 47.522

Rectangle

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



81, 34.583, 237.339



81, 34.583, 287.339



81, 34.583, 57.339



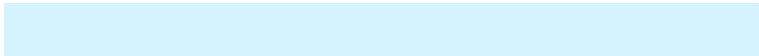
81, 34.583, 107.339

Sweetspot

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



81, 34.582, 237.338



94, 11.988, 231.005



90, 71.408, 147.953



49, 7.978, 231.195



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, 34.582, 237.338



78, 39.279, 240.582



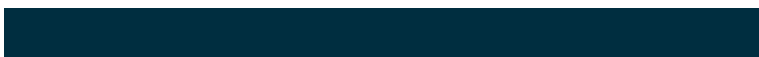
62, 63.310, 289.664



51, 4.081, 230.397



54, 38.567, 253.318



17, 16.971, 246.447

Inverse Universe

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



68, 71.298, 338.150



63, 81.906, 339.358



90, 58.343, 92.401



50, 7.421, 334.284



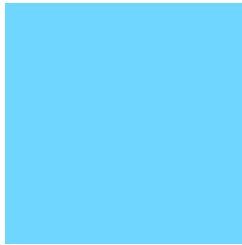
43, 75.062, 343.812



11, 35.345, 341.425

Previews

White Background



This preview shows how the CIELCh color 81, 34.583, 237.339 looks on a white background.

Color Contrast Check

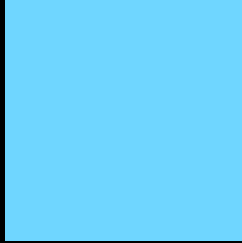
Large Text (above 18pt) WCAG AA × Fail

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, 34.583, 237.339 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

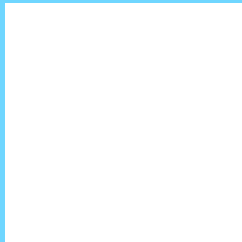
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 34.583, 237.339

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.583, 237.339.

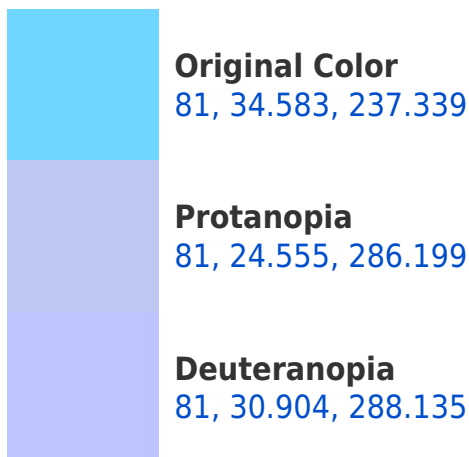


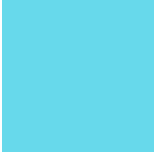
This preview shows how white text looks on a background with the CIELCh color 81, 34.583, 237.339.

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, 33.100, 214.325

Trichromacy



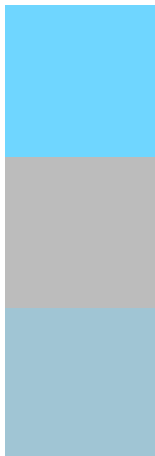
Original Color
81, 34.583, 237.339

Protanomaly
80, 26.428, 261.900

Deuteranomaly
80, 29.954, 267.290

Tritanomaly
81, 33.007, 222.533

Monochromacy



Original Color
81, 34.583, 237.339

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 14.602, 232.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.583, 237.339 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(111, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 214, 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(111, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 214, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.583, 237.339 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(111, 214, 255) }
```

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

```
.border{ border-color:rgb(111, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 214,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.583, 237.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 214, 255) }
```

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

```
.background{ background-color: rgb(111,  
214, 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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