

Converting Colors

CIELCh(81, 30.195, 225.219)

Have a look what the booklet for
CIELCh(81, 30.195, 225.219)
contains.

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Color

CIELCh(81, 30.189, 225.251)

Conversions

Conversions Part 1	
Format	Color
Hex	77D6F0
RGB	119, 214, 240
RGB Percent	47%, 84%, 94%
CMY	0.5323, 0.1598, 0.0578
CMYK	0.50, 0.11, 0.00, 0.06
HSL	193°, 80%, 70%
HSV	193°, 50%, 94%
XYZ	47.5235, 58.4711, 91.4236
YIQ	188.5590, -64.9660, -12.0540

Conversions

Conversions Part 2

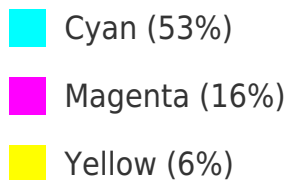
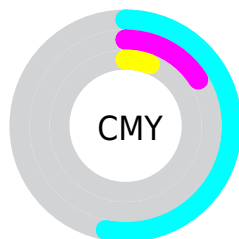
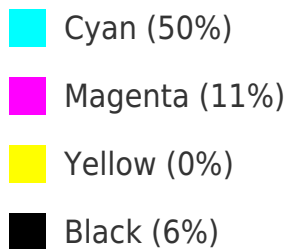
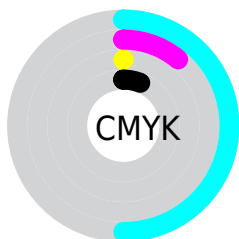
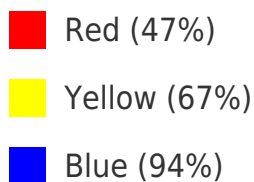
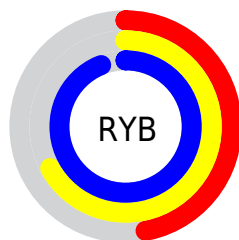
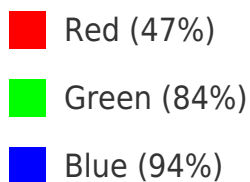
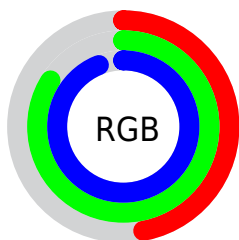
Format	Color
RYB	119, 172, 240
Decimal	7853808
CIELab	81.00, -21.25, -21.44
CIELCh	81, 30.189, 225.251
Yxy	58.4711, 0.2407, 0.2962
Android (android.graphics.Color)	4286043888 (0xFF77D6F0)
YUV	188.5590, 25.3604, -61.0032
Hunter-Lab	76.4664, -22.8792, -17.3609

Details

The CIELCh color **81, 30.189, 225.251** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 44.153, 41.190**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **61, 30.214, 225.448** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.215, 227.004**, and if you desaturate by 10%, it is **83, 25.380, 223.910**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.189, 225.251 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, 30.189, 225.251 by changing the saturation by 10% instead.


 81, 30.189,
225.251


 81, 30.189,
225.251


 100, 30.189,
225.251


 71, 30.189,
225.251


 61, 30.189,
225.251

 51, 30.189,
225.251

 41, 30.189,
225.251

 31, 30.189,
225.251

 21, 30.189,
225.251

 11, 30.189,

225.251

1, 30.189, 225.251

0, 30.189, 225.251

81, 30.189,
225.251

81, 30.189,
225.251

79, 34.215,
227.004

83, 25.380,
223.910

77, 37.408,
229.264

86, 19.878,
222.909

75, 39.771,
232.116

89, 13.787,
222.179

73, 41.392,
235.629

92, 7.214, 221.686


95, 0.257, 223.637

71, 42.479,

239.576

 97, 4.290, 55.659

 99, 5.389, 92.057

 100, 7.459,
109.609

Harmonies

Complementary

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



81, 30.189, 225.251



70, 44.153, 41.190

Rectangle

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



81, 30.189, 225.251



81, 30.189, 275.251



81, 30.189, 45.251



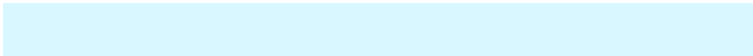
81, 30.189, 95.251

Sweetspot

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



81, 30.188, 225.249



95, 10.829, 221.888



86, 65.344, 145.958



50, 7.344, 221.996



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, 30.188, 225.249



83, 35.730, 226.971



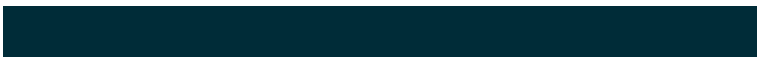
65, 47.585, 282.862



49, 3.959, 221.655



56, 34.631, 238.787



16, 14.898, 232.285

Inverse Universe

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



67, 64.512, 334.521



67, 78.322, 335.295



83, 46.711, 87.089



47, 7.413, 331.627



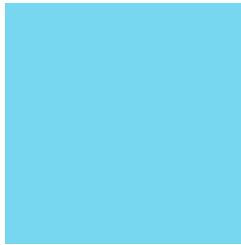
41, 76.482, 339.073



9, 34.135, 337.256

Previews

White Background



This preview shows how the CIELCh color 81, 30.189, 225.251 looks on a white background.

Color Contrast Check

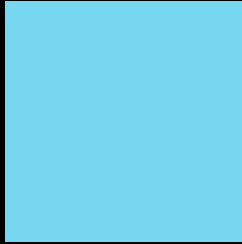
Large Text (above 18pt) WCAG AA × Fail

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, 30.189, 225.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

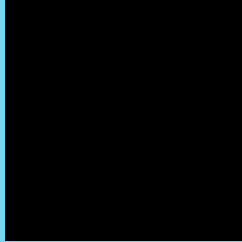
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 30.189, 225.251

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.189, 225.251.

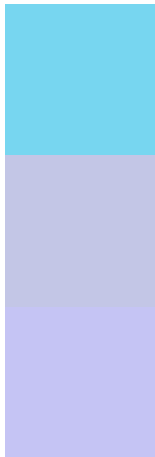


This preview shows how white text looks on a background with the CIELCh color 81, 30.189, 225.251.

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

81, 30.189, 225.251

Protanopia

81, 17.048, 288.249

Deuteranopia

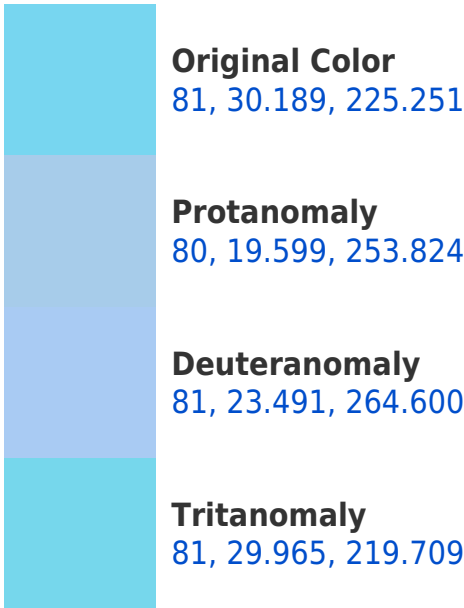
81, 25.580, 293.150



Tritanopia

81, 29.911, 216.408

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.189, 225.251 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(119, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(119, 214, 240)  
}
```

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(119, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 214, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.189, 225.251 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(119, 214, 240) }
```

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

```
.border{ border-color:rgb(119, 214, 240) }
```

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

Here you see how a box with a 4 pixel rgb(119, 214, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(119, 214,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.189, 225.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 214, 240) }
```

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

```
.background{ background-color: rgb(119,  
214, 240) }
```

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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