

Converting Colors

CIELCh(80, 32.912, 233.881)

Have a look what the booklet for
CIELCh(80, 32.912, 233.881)
contains.

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Color

CIELCh(80, 32.921, 233.834)

Conversions

Conversions Part 1

Format	Color
Hex	6FD3F7
RGB	111, 211, 247
RGB Percent	44%, 83%, 97%
CMY	0.5647, 0.1725, 0.0314
CMYK	0.55, 0.15, 0.00, 0.03
HSL	196°, 89%, 70%
HSV	196°, 55%, 97%
XYZ	46.6364, 56.6813, 96.4753
YIQ	185.2040, -71.1560, -10.0040

Conversions

Conversions Part 2

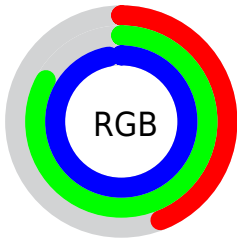
Format	Color
R _Y B	111, 169, 247
Decimal	7328759
CIE Lab	80.00, -19.43, -26.58
CIE LCh	80, 32.921, 233.834
Yxy	56.6813, 0.2334, 0.2837
Android (android.graphics.Color)	4285518839 (0xFF6FD3F7)
YUV	185.2040, 30.4654, -65.0769
Hunter-Lab	75.2870, -21.1806, -23.2754

Details

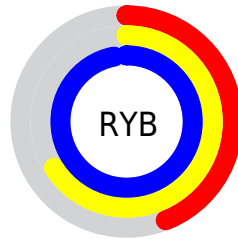
The CIELCh color **80, 32.921, 233.834** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71, 49.039, 45.732**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **60, 33.029, 234.702** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.900, 236.339**, and if you desaturate by 10%, it is **83, 28.213, 231.858**.

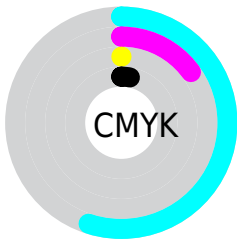
Distribution



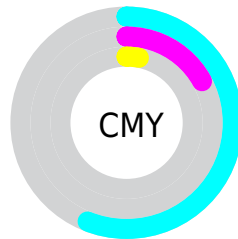
- Red (44%)
- Green (83%)
- Blue (97%)



- Red (44%)
- Yellow (66%)
- Blue (97%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)





- Cyan (56%)
- Magenta (17%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 32.921, 233.834 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 80, 32.921, 233.834 by changing the saturation by 10% instead.


 80, 32.921,
233.834


 80, 32.921,
233.834


 100, 32.921,
233.834


 70, 32.921,
233.834


 60, 32.921,
233.834

 50, 32.921,
233.834

 40, 32.921,
233.834

 30, 32.921,
233.834

 20, 32.921,
233.834

 10, 32.921,

233.834

0, 32.921, 233.834

80, 32.921,
233.834

80, 32.921,
233.834

77, 36.900,
236.339

83, 28.213,
231.858

75, 40.143,
239.471

86, 22.836,
230.321

73, 42.716,
243.298

89, 16.876,
229.137

70, 44.779,
247.824

92, 10.429,
228.245

69, 45.728,
250.214

95, 3.588, 227.659

99, 2.335, 63.789

100, 4.047,
109.857

Harmonies

Complementary

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



80, 32.921, 233.834



71, 49.039, 45.732

Rectangle

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



80, 32.921, 233.834



80, 32.921, 283.834



80, 32.921, 53.834



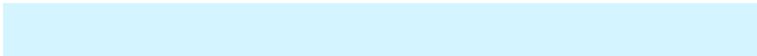
80, 32.921, 103.834

Sweetspot

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



80, 32.920, 233.833



94, 12.020, 228.399



88, 69.801, 146.997



49, 7.996, 228.568



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 32.920, 233.833



79, 38.187, 236.638



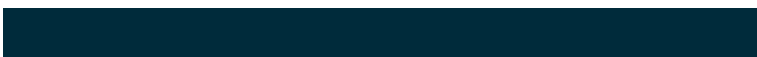
62, 57.341, 287.332



49, 3.961, 227.865



53, 36.758, 249.280



16, 15.739, 242.007

Inverse Universe

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



66, 68.928, 337.074



64, 81.309, 338.141



86, 54.111, 90.229



48, 7.280, 333.496



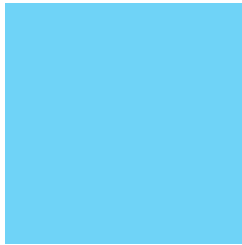
42, 74.580, 342.371



10, 33.984, 340.029

Previews

White Background



This preview shows how the CIELCh color 80, 32.921, 233.834 looks on a white background.

Color Contrast Check

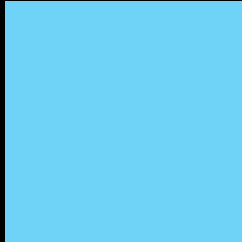
Large Text (above 18pt) WCAG AA × Fail

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 80, 32.921, 233.834 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 80, 32.921, 233.834

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.921, 233.834.



This preview shows how white text looks on a background with the CIELCh color 80, 32.921, 233.834.

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](#).

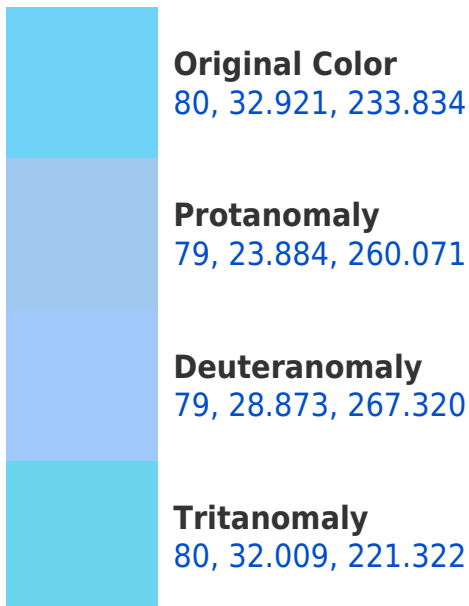
Dichromacy





Tritanopia
80, 32.056, 213.965

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.921, 233.834 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, 211, 247)` looks like.

```
.text, #text, p{  
    color:rgb(111, 211, 247)  
}
```

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, 211, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 211, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.921, 233.834 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, 211, 247) }
```

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

```
.border{ border-color:rgb(111, 211, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 211, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(111, 211,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.921, 233.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 211, 247) }
```

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

```
.background{ background-color: rgb(111,  
211, 247) }
```

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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