

Converting Colors

CIELCh(84, 32.380, 223.307)

Have a look what the booklet for
CIELCh(84, 32.380, 223.307)
contains.

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Color

CIELCh(84, 32.391, 222.921)

Conversions

Conversions Part 1

Format	Color
Hex	76E0FA
RGB	118, 224, 250
RGB Percent	46%, 88%, 98%
CMY	0.5372, 0.1216, 0.0196
CMYK	0.53, 0.10, 0.00, 0.02
HSL	192°, 93%, 72%
HSV	192°, 53%, 98%
XYZ	51.3829, 64.0658, 100.1012
YIQ	195.2700, -71.5220, -14.3860

Conversions

Conversions Part 2

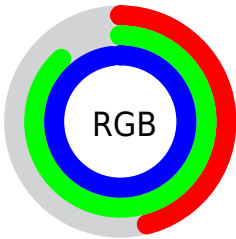
Format	Color
R _Y B	118, 177, 250
Decimal	7790842
CIE Lab	84.00, -23.72, -22.06
CIE LCh	84, 32.391, 222.921
Yxy	64.0658, 0.2384, 0.2972
Android (android.graphics.Color)	4285980922 (0xFF76E0FA)
YUV	195.2700, 26.9819, -67.7658
Hunter-Lab	80.0411, -25.4826, -18.1207

Details

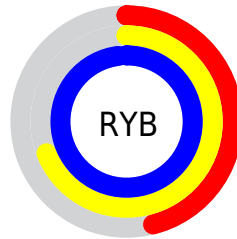
The CIELCh color **84, 32.391, 222.921** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **71, 48.793, 39.789**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **64, 32.427, 221.848** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.280, 224.603**, and if you desaturate by 10%, it is **86, 27.642, 221.644**.

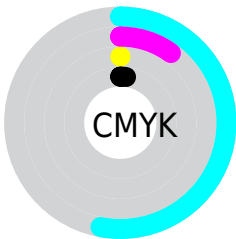
Distribution



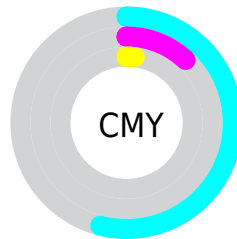
- Red (46%)
- Green (88%)
- Blue (98%)



- Red (46%)
- Yellow (69%)
- Blue (98%)



- Cyan (53%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (54%)
- Magenta (12%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.391, 222.921 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 84, 32.391, 222.921 by changing the saturation by 10% instead.


 84, 32.391,
222.921


 84, 32.391,
222.921


 100, 32.391,
222.921


 74, 32.391,
222.921

 64, 32.391,
222.921

 54, 32.391,
222.921

 44, 32.391,
222.921

 34, 32.391,
222.921

 24, 32.391,
222.921

 14, 32.391,

222.921

■ 4, 32.391, 222.921

■ 0, 32.391, 222.921

■ 84, 32.391,
222.921

■ 84, 32.391,
222.921

■ 82, 36.280,
224.603

■ 86, 27.642,
221.644

■ 80, 39.262,
226.781

■ 89, 22.124,
220.701

■ 78, 41.356,
229.536

■ 92, 15.947,
220.026

■ 76, 42.667,
232.930

■ 94, 9.225, 219.575

■ 75, 43.296,

■ 97, 2.069, 219.499

235.710

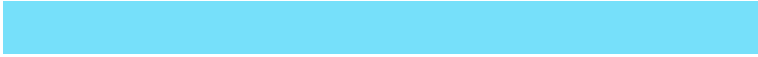
100, 1.855, 94.043

100, 2.523,
109.959

Harmonies

Complementary

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



84, 32.391, 222.921



71, 48.793, 39.789

Rectangle

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



84, 32.391, 222.921



84, 32.391, 272.921



84, 32.391, 42.921



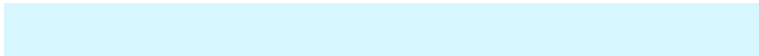
84, 32.391, 92.921

Sweetspot

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



84, 32.390, 222.919



95, 11.615, 219.697



89, 71.318, 145.092



50, 7.794, 219.786



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 32.390, 222.919



83, 36.921, 224.655



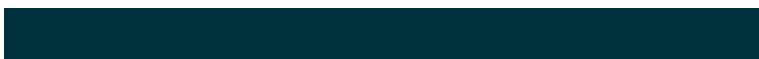
66, 50.500, 282.381



51, 4.133, 219.478



58, 34.990, 234.967



18, 15.717, 229.532

Inverse Universe

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



69, 70.247, 333.981



65, 82.238, 334.758



85, 50.002, 85.390



49, 7.770, 330.988



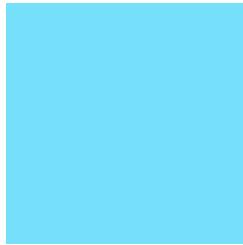
43, 79.076, 337.990



11, 36.452, 336.523

Previews

White Background



This preview shows how the CIE LCh color 84, 32.391, 222.921 looks on a white background.

Color Contrast Check

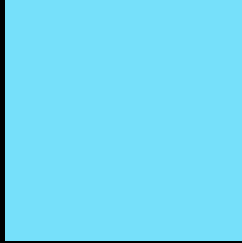
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 32.391, 222.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

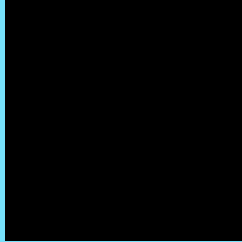
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 32.391, 222.921

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.391, 222.921.

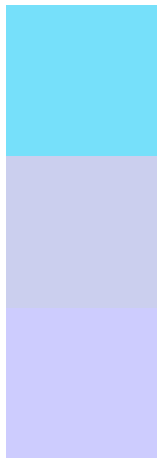


This preview shows how white text looks on a background with the CIELCh color 84, 32.391, 222.921.

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


84, 32.391, 222.921

Protanopia

84, 16.401, 286.839

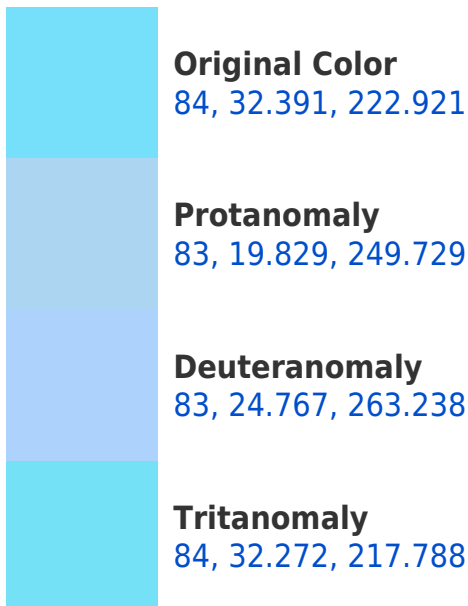
Deuteranopia

84, 26.447, 293.127



Tritanopia
84, 32.270, 214.743

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.391, 222.921 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(118, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(118, 224, 250)  
}
```

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(118, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 224, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.391, 222.921 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(118, 224, 250) }
```

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

```
.border{ border-color:rgb(118, 224, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 224, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(118, 224,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.391, 222.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 224, 250) }
```

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

```
.background{ background-color: rgb(118,  
224, 250) }
```

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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