

Converting Colors

CIELCh(84, 31.225, 211.061)

Have a look what the booklet for
CIELCh(84, 31.225, 211.061)
contains.

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Color

CIELCh(84, 31.293, 211.241)

Conversions

Conversions Part 1

Format	Color
Hex	78E1EF
RGB	120, 225, 239
RGB Percent	47%, 88%, 94%
CMY	0.5295, 0.1177, 0.0628
CMYK	0.50, 0.06, 0.00, 0.06
HSL	187°, 79%, 70%
HSV	187°, 50%, 94%
XYZ	50.2426, 64.0658, 91.3684
YIQ	195.2010, -67.0740, -17.9060

Conversions

Conversions Part 2

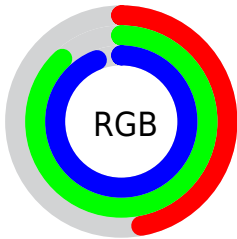
Format	Color
R_{YB}	120, 176, 239
Decimal	7922159
CIE _{Lab}	84.00, -26.76, -16.23
CIE _{LCh}	84, 31.293, 211.241
Y _{xy}	64.0658, 0.2443, 0.3115
Android (android.graphics.Color)	4286112239 (0xFF78E1EF)
YUV	195.2010, 21.5929, -65.9513
Hunter-Lab	80.0411, -28.0256, -11.6519

Details

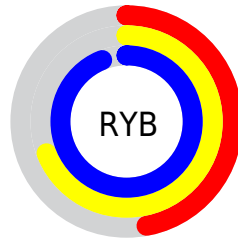
The CIELCh color **84, 31.293, 211.241** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 46.181, 33.175**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.270, 197.921**, and **64, 31.269, 211.658** is the 20% darker color. If you saturate the color by 10%, you get **82, 35.335, 211.959**, and if you desaturate by 10%, it is **86, 26.348, 210.759**.

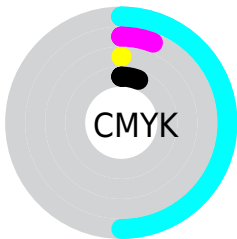
Distribution



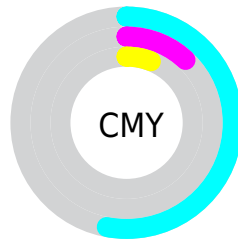
- Red (47%)
- Green (88%)
- Blue (94%)



- Red (47%)
- Yellow (69%)
- Blue (94%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)





- Cyan (53%)
- Magenta (12%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 31.293, 211.241 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, 31.293, 211.241 by changing the saturation by 10% instead.


 84, 31.293,
211.241


 84, 31.293,
211.241


 100, 31.293,
211.241


 74, 31.293,
211.241

 64, 31.293,
211.241

 54, 31.293,
211.241

 44, 31.293,
211.241

 34, 31.293,
211.241

 24, 31.293,
211.241

 14, 31.293,

211.241

■ 4, 31.293, 211.241

■ 0, 31.293, 211.241

■ 84, 31.293,
211.241

■ 84, 31.293,
211.241

■ 82, 35.335,
211.959

■ 86, 26.348,
210.759

■ 81, 38.401,
212.967

■ 88, 20.609,
210.478

■ 80, 40.468,
214.313

■ 90, 14.197,
210.362

■ 79, 41.585,
216.043

■ 92, 7.237, 210.401

■ 78, 41.952,

■ 94, 0.156, 26.343

218.149

96, 4.914, 36.895

78, 41.957,
218.194

97, 4.675, 57.682

98, 5.068, 77.765

98, 5.966, 93.327

Harmonies

Complementary

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



84, 31.293, 211.241



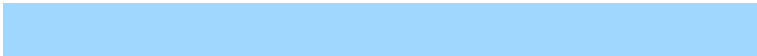
67, 46.181, 33.175

Rectangle

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



84, 31.293, 211.241



84, 31.293, 261.241



84, 31.293, 31.241



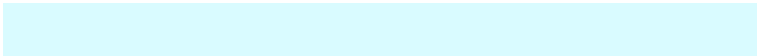
84, 31.293, 81.241

Sweetspot

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



84, 31.293, 211.239



96, 11.510, 210.359



86, 68.350, 143.468



51, 7.802, 210.356



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, 31.293, 211.239



87, 37.268, 211.995



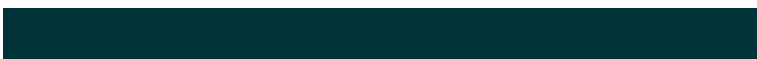
68, 41.750, 276.354



49, 4.213, 210.405



61, 34.470, 217.785



18, 15.210, 214.444

Inverse Universe

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



67, 67.898, 330.790



67, 83.587, 331.397



81, 43.520, 80.175



47, 7.940, 328.345



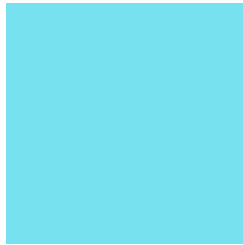
42, 82.347, 333.544



10, 36.409, 332.723

Previews

White Background



This preview shows how the CIE LCh color 84, 31.293, 211.241 looks on a white background.

Color Contrast Check

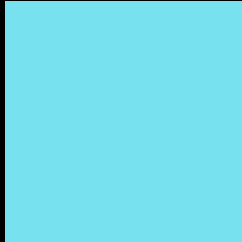
Large Text (above 18pt) WCAG AA × Fail

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 84, 31.293, 211.241 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, 31.293, 211.241

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.293, 211.241.



This preview shows how white text looks on a background with the CIELCh color 84, 31.293, 211.241.

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



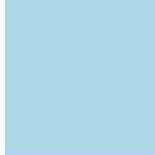


Tritanopia
84, 31.106, 216.539

Trichromacy



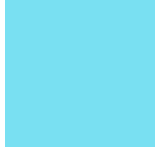
Original Color
84, 31.293, 211.241



Protanomaly
83, 15.488, 234.297



Deuteranomaly
83, 19.249, 257.725

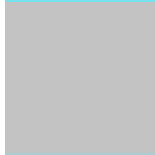


Tritanomaly
84, 31.039, 215.532

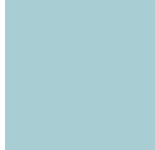
Monochromacy



Original Color
84, 31.293, 211.241



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 13.207, 210.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.293, 211.241 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(120, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(120, 225, 239)  
}
```

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(120, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 225, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.293, 211.241 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(120, 225, 239) }
```

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

```
.border{ border-color:rgb(120, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(120, 225,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.293, 211.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 225, 239) }
```

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

```
.background{ background-color: rgb(120,  
225, 239) }
```

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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