

Converting Colors

CIELCh(84, 32.585, 181.819)

Have a look what the booklet for
CIELCh(84, 32.585, 181.819)
contains.

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Color

CIELCh(84, 32.873, 181.244)

Conversions

Conversions Part 1

Format	Color
Hex	81E3D2
RGB	129, 227, 210
RGB Percent	51%, 89%, 82%
CMY	0.4952, 0.1109, 0.1776
CMYK	0.43, 0.00, 0.07, 0.11
HSL	170°, 63%, 70%
HSV	170°, 43%, 89%
XYZ	47.9989, 64.0658, 70.6266
YIQ	195.7600, -52.9510, -26.0630

Conversions

Conversions Part 2

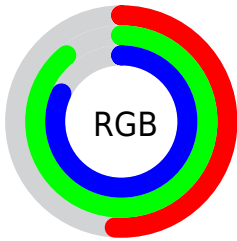
Format	Color
R _Y B	129, 183, 227
Decimal	8512466
CIE Lab	84.00, -32.87, -0.71
CIE LCh	84, 32.873, 181.244
Yxy	64.0658, 0.2627, 0.3507
Android (android.graphics.Color)	4286702546 (0xFF81E3D2)
YUV	195.7600, 7.0203, -58.5485
Hunter-Lab	80.0411, -33.0293, 3.7125

Details

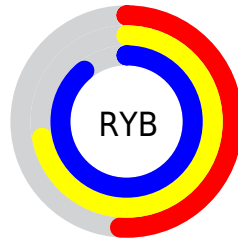
The CIELCh color **84, 32.873, 181.244** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 40.269, 10.855**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **64, 32.759, 181.764** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.908, 180.136**, and if you desaturate by 10%, it is **85, 26.095, 182.274**.

Distribution



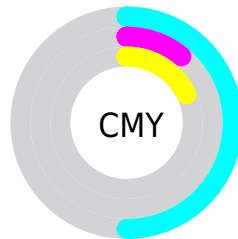
- Red (51%)
- Green (89%)
- Blue (82%)



- Red (51%)
- Yellow (72%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 32.873, 181.244 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, 32.873, 181.244 by changing the saturation by 10% instead.

 84, 32.873,
181.244

 84, 32.873,
181.244


 100, 32.873,
181.244


 74, 32.873,
181.244

 64, 32.873,
181.244

 54, 32.873,
181.244

 44, 32.873,
181.244

 34, 32.873,
181.244

 24, 32.873,
181.244

 14, 32.873,

181.244

■ 4, 32.873, 181.244

■ 0, 32.873, 181.244

■ 84, 32.873,
181.244

■ 84, 32.873,
181.244

■ 83, 38.908,
180.136

■ 85, 26.095,
182.274

■ 82, 44.081,
178.934

■ 86, 18.712,
183.250

■ 82, 48.312,
177.614

■ 88, 10.864,
184.191

■ 81, 51.579,
176.154

■ 90, 2.685, 185.232

■ 81, 53.937,

■ 91, 5.707, 5.769

174.536

93, 10.766, 1.776

81, 55.162,
173.377

93, 11.522,
352.154

93, 12.569,
343.946

93, 13.839,
337.147

Harmonies

Complementary

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



84, 32.873, 181.244



65, 40.269, 10.855

Rectangle

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



84, 32.873, 181.244



84, 32.873, 231.244



84, 32.873, 1.244



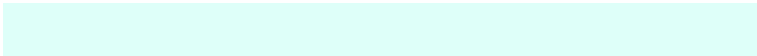
84, 32.873, 51.244

Sweetspot

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



84, 32.874, 181.242



98, 11.749, 184.204



83, 58.747, 136.782



52, 8.190, 183.996



0, 0.000, 0.000



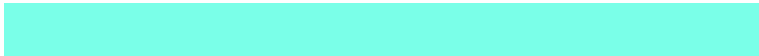
53, 0.007, 296.813

Same Dimension

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



84, 32.874, 181.242



92, 41.975, 180.237



76, 25.729, 239.138



46, 4.653, 184.550



64, 45.475, 173.690



17, 18.041, 176.834

Inverse Universe

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



65, 40.269, 10.855



68, 53.866, 12.828



71, 33.629, 50.944



44, 4.844, 6.100



37, 71.462, 31.174



6, 25.285, 13.603

Previews

White Background



This preview shows how the CIELCh color 84, 32.873, 181.244 looks on a white background.

Color Contrast Check

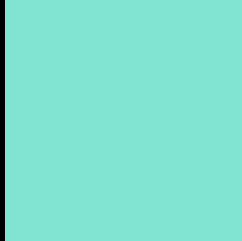
Large Text (above 18pt) WCAG AA × Fail

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, 32.873, 181.244 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

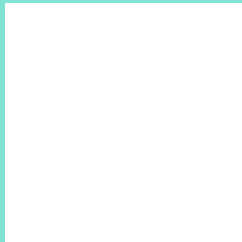
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 32.873, 181.244

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.873, 181.244.

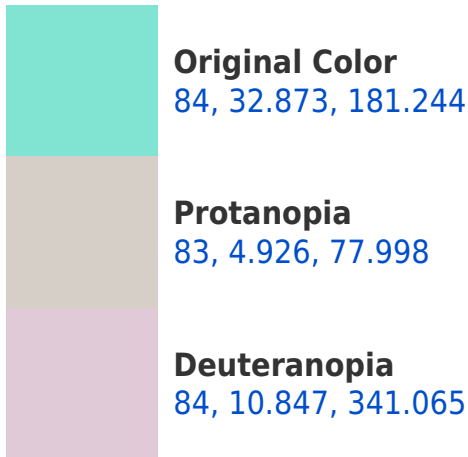


This preview shows how white text looks on a background with the CIELCh color 84, 32.873, 181.244.

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, 27.075, 218.526

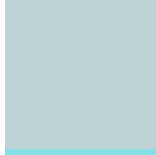
Trichromacy



Original Color
84, 32.873, 181.244



Protanomaly
83, 12.567, 170.966



Deuteranomaly
83, 7.439, 207.146

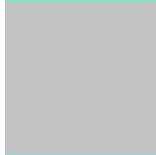


Tritanomaly
84, 27.878, 203.041

Monochromacy



Original Color
84, 32.873, 181.244



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 13.308, 182.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.873, 181.244 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(129, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(129, 227, 210)  
}
```

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(129, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 227, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.873, 181.244 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(129, 227, 210) }
```

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

```
.border{ border-color:rgb(129, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(129, 227,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.873, 181.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 227, 210) }
```

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

```
.background{ background-color: rgb(129,  
227, 210) }
```

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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