

Converting Colors

CIELCh(84, 32.560, 203.269)

Have a look what the booklet for
CIELCh(84, 32.560, 203.269)
contains.

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Color

CIELCh(84, 32.433, 203.898)

Conversions

Conversions Part 1

Format	Color
Hex	74E2E9
RGB	116, 226, 233
RGB Percent	45%, 89%, 91%
CMY	0.5446, 0.1133, 0.0858
CMYK	0.50, 0.03, 0.00, 0.09
HSL	184°, 73%, 68%
HSV	184°, 50%, 91%
XYZ	49.1702, 64.0658, 86.9505
YIQ	193.9080, -67.8070, -21.1430

Conversions

Conversions Part 2

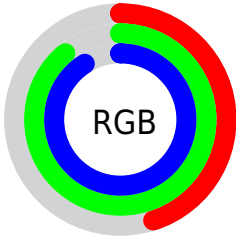
Format	Color
R _Y B	116, 173, 233
Decimal	7660265
CIE Lab	84.00, -29.65, -13.14
CIE LCh	84, 32.433, 203.898
Yxy	64.0658, 0.2456, 0.3200
Android (android.graphics.Color)	4285850345 (0xFF74E2E9)
YUV	193.9080, 19.2724, -68.3253
Hunter-Lab	80.0411, -30.4172, -8.3793

Details

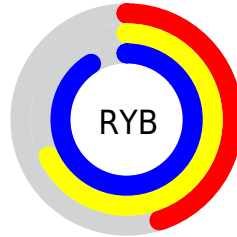
The CIELCh color **84, 32.433, 203.898** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 47.665, 29.066**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.386, 197.852**, and **64, 32.377, 203.832** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.559, 204.081**, and if you desaturate by 10%, it is **85, 27.376, 203.856**.

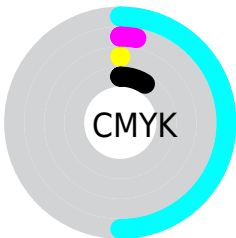
Distribution



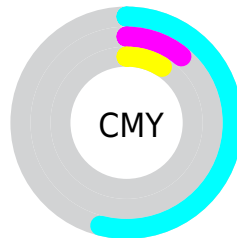
- Red (45%)
- Green (89%)
- Blue (91%)



- Red (45%)
- Yellow (68%)
- Blue (91%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (11%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.433, 203.898 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, 32.433, 203.898 by changing the saturation by 10% instead.

 84, 32.433,
203.898


 84, 32.433,
203.898


 100, 32.433,
203.898

 74, 32.433,
203.898

 64, 32.433,
203.898

 54, 32.433,
203.898

 44, 32.433,
203.898

 34, 32.433,
203.898

 24, 32.433,
203.898

 14, 32.433,

203.898

■ 4, 32.433, 203.898

■ 0, 32.433, 203.898

■ 84, 32.433,
203.898

■ 84, 32.433,
203.898

■ 83, 36.559,
204.081

■ 85, 27.376,
203.856

■ 82, 39.682,
204.433

■ 87, 21.493,
203.941

■ 81, 41.785,
204.971

■ 88, 14.908,
204.136

■ 80, 42.916,
205.712

■ 90, 7.751, 204.440

■ 80, 43.278,

■ 92, 0.144, 209.023

206.621

94, 7.438, 25.221

95, 7.041, 31.341

95, 6.735, 38.099

95, 6.532, 45.384

Harmonies

Complementary

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



84, 32.433, 203.898



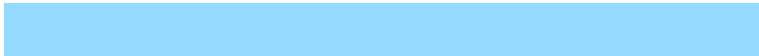
64, 47.665, 29.066

Rectangle

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



84, 32.433, 203.898



84, 32.433, 253.898



84, 32.433, 23.898



84, 32.433, 73.898

Sweetspot

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



84, 32.433, 203.896



97, 12.108, 204.275



84, 70.587, 141.581



51, 8.207, 204.214



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, 32.433, 203.896



90, 39.169, 204.084



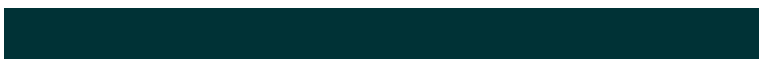
68, 37.660, 270.326



48, 4.354, 204.467



63, 35.854, 206.443



18, 15.508, 204.862

Inverse Universe

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



66, 69.665, 328.876



68, 86.893, 329.367



77, 41.583, 73.968



46, 8.120, 326.601



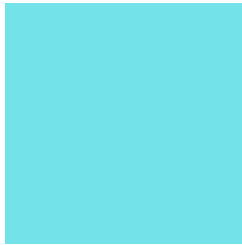
42, 85.274, 330.760



9, 36.768, 330.370

Previews

White Background



This preview shows how the CIE LCh color 84, 32.433, 203.898 looks on a white background.

Color Contrast Check

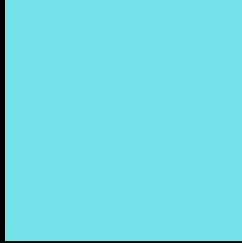
Large Text (above 18pt) WCAG AA × Fail

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, 32.433, 203.898 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, 32.433, 203.898

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.433, 203.898.

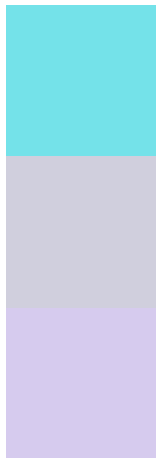


This preview shows how white text looks on a background with the CIELCh color 84, 32.433, 203.898.

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, 32.433, 203.898

Protanopia
84, 7.413, 293.554

Deuteranopia
84, 18.959, 303.224

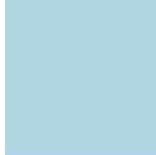


Tritanopia
84, 31.666, 215.117

Trichromacy



Original Color
84, 32.433, 203.898



Protanomaly
83, 14.163, 222.950



Deuteranomaly
83, 16.815, 251.044

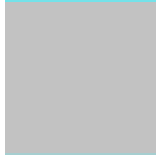


Tritanomaly
84, 31.713, 211.030

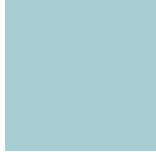
Monochromacy



Original Color
84, 32.433, 203.898



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 13.761, 202.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.433, 203.898 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(116, 226, 233)` looks like.

```
.text, #text, p{  
    color:rgb(116, 226, 233)  
}
```

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(116, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 226, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.433, 203.898 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(116, 226, 233) }
```

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

```
.border{ border-color:rgb(116, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(116, 226,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.433, 203.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 226, 233) }
```

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

```
.background{ background-color: rgb(116,  
226, 233) }
```

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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