

Converting Colors

CIELCh(84, 33.325, 202.551)

Have a look what the booklet for
CIELCh(84, 33.325, 202.551)
contains.

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Color

CIELCh(84, 33.396, 201.793)

Conversions

Conversions Part 1

Format	Color
Hex	71E3E8
RGB	113, 227, 232
RGB Percent	44%, 89%, 91%
CMY	0.5581, 0.1110, 0.0914
CMYK	0.51, 0.02, 0.00, 0.09
HSL	183°, 72%, 68%
HSV	183°, 51%, 91%
XYZ	48.6733, 64.0658, 85.9136
YIQ	193.4840, -69.5490, -22.6130

Conversions

Conversions Part 2

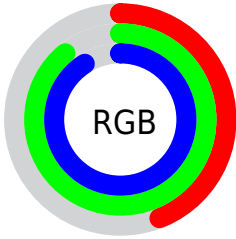
Format	Color
RYB	113, 171, 232
Decimal	7463912
CIELab	84.00, -31.01, -12.40
CIELCh	84, 33.396, 201.793
Yxy	64.0658, 0.2450, 0.3225
Android (android.graphics.Color)	4285653992 (0xFF71E3E8)
YUV	193.4840, 18.9884, -70.5845
Hunter-Lab	80.0411, -31.5254, -7.6113

Details

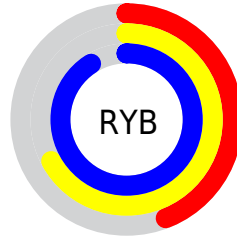
The CIELCh color **84, 33.396, 201.793** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 49.395, 28.091**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.937, 197.818**, and **64, 33.369, 201.579** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.471, 201.842**, and if you desaturate by 10%, it is **85, 28.374, 201.862**.

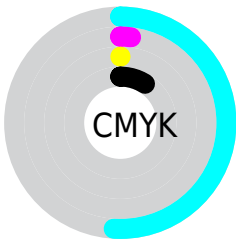
Distribution



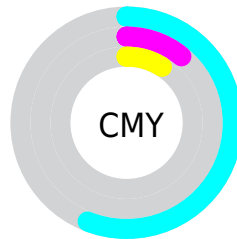
- Red (44%)
- Green (89%)
- Blue (91%)



- Red (44%)
- Yellow (67%)
- Blue (91%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)





- Cyan (56%)
- Magenta (11%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 33.396, 201.793 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, 33.396, 201.793 by changing the saturation by 10% instead.


 84, 33.396,
201.793


 84, 33.396,
201.793


 100, 33.396,
201.793


 74, 33.396,
201.793

 64, 33.396,
201.793

 54, 33.396,
201.793

 44, 33.396,
201.793

 34, 33.396,
201.793

 24, 33.396,
201.793

 14, 33.396,

201.793

■ 4, 33.396, 201.793

■ 0, 33.396, 201.793

■ 84, 33.396,
201.793

■ 84, 33.396,
201.793

■ 83, 37.471,
201.842

■ 85, 28.374,
201.862

■ 82, 40.535,
202.027

■ 87, 22.505,
202.039

■ 82, 42.580,
202.360

■ 88, 15.914,
202.310

■ 81, 43.664,
202.848

■ 90, 8.728, 202.676

■ 81, 44.003,

■ 92, 1.076, 203.575

203.377

94, 6.928, 23.349

94, 7.831, 26.652

94, 7.558, 30.682

95, 7.325, 34.990

Harmonies

Complementary

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



84, 33.396, 201.793



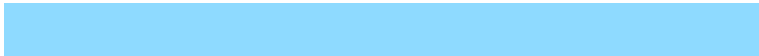
63, 49.395, 28.091

Rectangle

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



84, 33.396, 201.793



84, 33.396, 251.793



84, 33.396, 21.793



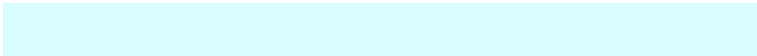
84, 33.396, 71.793

Sweetspot

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



84, 33.396, 201.791



97, 12.317, 202.528



83, 72.521, 141.011



51, 8.349, 202.450



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, 33.396, 201.791



90, 40.651, 201.853



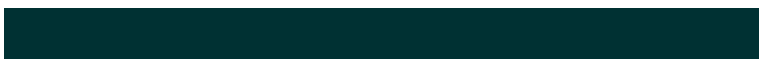
68, 37.499, 268.971



47, 4.350, 202.761



64, 36.234, 203.253



18, 15.329, 202.137

Inverse Universe

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



65, 71.600, 328.372



67, 90.169, 328.866



76, 42.163, 72.204



45, 8.072, 326.091



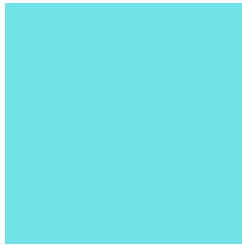
42, 85.572, 329.970



8, 36.092, 329.692

Previews

White Background



This preview shows how the CIE LCh color 84, 33.396, 201.793 looks on a white background.

Color Contrast Check

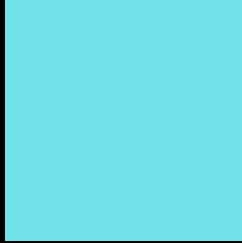
Large Text (above 18pt) WCAG AA × Fail

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, 33.396, 201.793 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, 33.396, 201.793

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.396, 201.793.



This preview shows how white text looks on a background with the CIELCh color 84, 33.396, 201.793.

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, 32.070, 214.865

Trichromacy



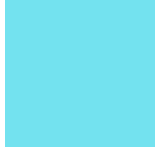
Original Color
84, 33.396, 201.793



Protanomaly
83, 14.291, 220.379



Deuteranomaly
83, 16.254, 247.537

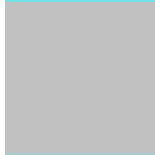


Tritanomaly
84, 32.537, 209.650

Monochromacy



Original Color
84, 33.396, 201.793



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 14.090, 202.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.396, 201.793 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(113, 227, 232)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 232)  
}
```

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(113, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.396, 201.793 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(113, 227, 232) }
```

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

```
.border{ border-color:rgb(113, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 227, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 227, 232); box-shadow:4px 4px 4px 4px rgb(113, 227, 232) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.396, 201.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 232) }
```

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

```
.background{ background-color: rgb(113,  
227, 232) }
```

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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