

Converting Colors

CIELCh(84, 43.768, 160.424)

Have a look what the booklet for
CIELCh(84, 43.768, 160.424)
contains.

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Color

CIELCh(84, 44.177, 160.006)

Conversions

Conversions Part 1

Format	Color
Hex	7EE6B4
RGB	126, 230, 180
RGB Percent	49%, 90%, 71%
CMY	0.5074, 0.0995, 0.2955
CMYK	0.45, 0.00, 0.22, 0.10
HSL	151°, 67%, 70%
HSV	151°, 45%, 90%
XYZ	44.9384, 64.0658, 52.9820
YIQ	193.2040, -45.9340, -37.5980

Conversions

Conversions Part 2

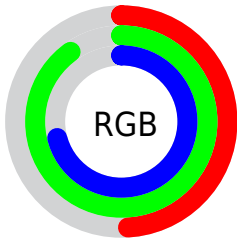
Format	Color
RYB	126, 194, 230
Decimal	8316596
CIELab	84.00, -41.51, 15.11
CIELCh	84, 44.177, 160.006
Yxy	64.0658, 0.2774, 0.3955
Android (android.graphics.Color)	4286506676 (0xFF7EE6B4)
YUV	193.2040, -6.5096, -58.9379
Hunter-Lab	80.0411, -39.8545, 16.7826

Details

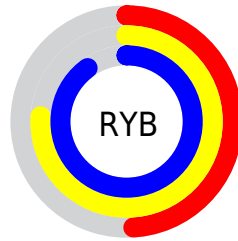
The CIELCh color **84, 44.177, 160.006** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66, 46.805, 349.554**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.112, 175.748**, and **64, 44.395, 159.907** is the 20% darker color. If you saturate the color by 10%, you get **83, 52.827, 158.579**, and if you desaturate by 10%, it is **85, 34.934, 161.266**.

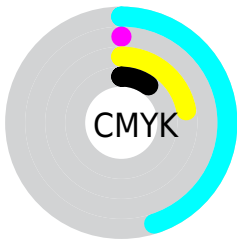
Distribution



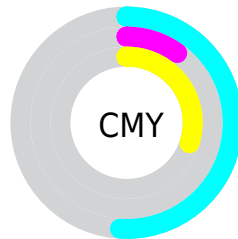
- Red (49%)
- Green (90%)
- Blue (71%)



- Red (49%)
- Yellow (76%)
- Blue (90%)



- Cyan (45%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 44.177, 160.006 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, 44.177, 160.006 by changing the saturation by 10% instead.

 84, 44.177,
160.006

 84, 44.177,
160.006

 100, 44.177,
160.006

 74, 44.177,
160.006

 64, 44.177,
160.006

 54, 44.177,
160.006

 44, 44.177,
160.006

 34, 44.177,
160.006

 24, 44.177,
160.006

 14, 44.177,

160.006

■ 4, 44.177, 160.006

■ 0, 44.177, 160.006

■ 84, 44.177,
160.006

■ 84, 44.177,
160.006

■ 83, 52.827,
158.579

■ 85, 34.934,
161.266

■ 82, 60.720,
156.963

■ 87, 25.267,
162.387

■ 81, 67.733,
155.136

■ 88, 15.343,
163.397

■ 81, 73.806,
153.094

■ 90, 5.306, 164.352

■ 81, 78.967,

■ 92, 4.723, 344.985

150.856

94, 12.314,
337.535

81, 81.184,
149.790

94, 15.860,
324.973

Harmonies

Complementary

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



84, 44.177, 160.006



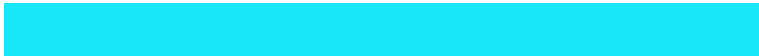
66, 46.805, 349.554

Rectangle

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



84, 44.177, 160.006



84, 44.177, 210.006



84, 44.177, 340.006



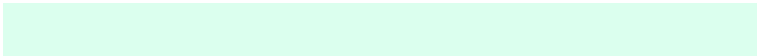
84, 44.177, 30.006

Sweetspot

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



84, 44.178, 160.005



97, 15.298, 163.513



86, 56.798, 127.536



51, 10.557, 163.304



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, 44.178, 160.005



91, 56.302, 158.727



85, 31.036, 199.054



47, 5.699, 163.950



64, 66.686, 150.202



18, 25.781, 154.428

Inverse Universe

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



66, 46.805, 349.554



68, 59.955, 350.980



65, 43.270, 25.335



45, 5.778, 345.469



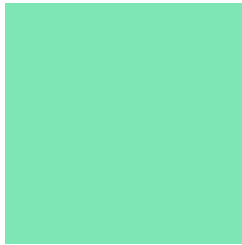
38, 64.694, 3.728



7, 27.432, 356.416

Previews

White Background



This preview shows how the CIE LCh color 84, 44.177, 160.006 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, 44.177, 160.006 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, 44.177, 160.006

Background



This preview shows how black text looks on a background with the CIELCh color 84, 44.177, 160.006.



This preview shows how white text looks on a background with the CIELCh color 84, 44.177, 160.006.

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, 44.177, 160.006

Protanopia
84, 21.081, 94.380

Deuteranopia
84, 15.702, 50.207

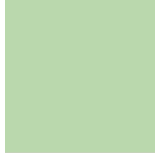


Tritanopia
84, 26.036, 218.180

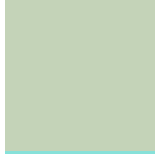
Trichromacy



Original Color
84, 44.177, 160.006



Protanomaly
83, 25.277, 134.760



Deuteranomaly
83, 15.312, 130.441

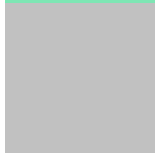


Tritanomaly
84, 29.155, 189.028

Monochromacy



Original Color
84, 44.177, 160.006



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 16.847, 163.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 44.177, 160.006 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(126, 230, 180)` looks like.

```
.text, #text, p{  
    color:rgb(126, 230, 180)  
}
```

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(126, 230, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 230, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 44.177, 160.006 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(126, 230, 180) }
```

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

```
.border{ border-color:rgb(126, 230, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 230, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 230, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 230, 180);  
box-shadow:4px 4px 4px 4px rgb(126, 230,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 44.177, 160.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 230, 180) }
```

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

```
.background{ background-color: rgb(126,  
230, 180) }
```

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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