

Converting Colors

CIELCh(84, 67.613, 159.149)

Have a look what the booklet for
CIELCh(84, 67.613, 159.149)
contains.

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Color

CIELCh(84, 67.598, 159.184)

Conversions

Conversions Part 1

Format	Color
Hex	27EEA2
RGB	39, 238, 162
RGB Percent	15%, 93%, 64%
CMY	0.8486, 0.0674, 0.3654
CMYK	0.84, 0.00, 0.32, 0.07
HSL	157°, 85%, 54%
HSV	157°, 84%, 93%
XYZ	37.8474, 64.0658, 44.4732
YIQ	169.8350, -94.2080, -65.8240

Conversions

Conversions Part 2

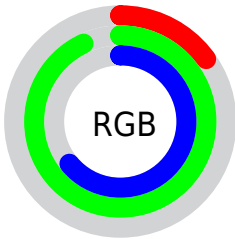
Format	Color
RYB	39, 162, 238
Decimal	2616994
CIELab	84.00, -63.19, 24.02
CIElCh	84, 67.598, 159.184
Yxy	64.0658, 0.2585, 0.4376
Android (android.graphics.Color)	4280807074 (0xFF27EEA2)
YUV	169.8350, -3.8627, -114.7423
Hunter-Lab	80.0411, -55.6682, 23.0855

Details

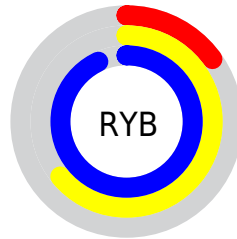
The CIELCh color **84, 67.598, 159.184** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **53, 75.736, 6.535**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 46.247, 171.314**, and **65, 61.077, 155.303** is the 20% darker color. If you saturate the color by 10%, you get **84, 72.101, 156.991**, and if you desaturate by 10%, it is **84, 62.185, 161.167**.

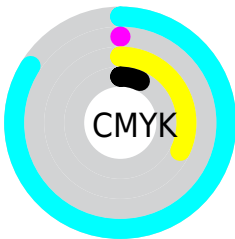
Distribution



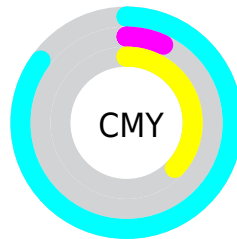
- Red (15%)
- Green (93%)
- Blue (64%)



- Red (15%)
- Yellow (64%)
- Blue (93%)



- Cyan (84%)
- Magenta (0%)
- Yellow (32%)
- Black (7%)



- Cyan (85%)
- Magenta (7%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 67.598, 159.184 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, 67.598, 159.184 by changing the saturation by 10% instead.

 84, 67.598,
159.184

 84, 67.598,
159.184

 100, 67.598,
159.184


 74, 67.598,
159.184

 64, 67.598,
159.184

 54, 67.598,
159.184

 44, 67.598,
159.184

 34, 67.598,
159.184

 24, 67.598,
159.184

 14, 67.598,

159.184

■ 4, 67.598, 159.184

■ 0, 67.598, 159.184

■ 84, 67.598,
159.184

■ 84, 67.598,
159.184

■ 84, 72.101,
156.991

■ 84, 62.185,
161.167

■ 84, 74.573,
155.572

■ 85, 55.824,
162.939

■ 86, 48.565,
164.513

■ 87, 40.522,
165.913

■ 88, 31.847,

167.167

■ 90, 22.705,
168.299

■ 91, 13.254,
169.337

■ 93, 3.636, 170.376

■ 95, 6.027, 351.017

Harmonies

Complementary

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



84, 67.598, 159.184



53, 75.736, 6.535

Rectangle

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



84, 67.598, 159.184



84, 67.598, 209.184



84, 67.598, 339.184



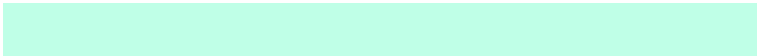
84, 67.598, 29.184

Sweetspot

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



84, 67.598, 159.184



95, 25.235, 168.155



84, 99.846, 130.293



50, 17.145, 167.763



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, 67.598, 159.184



89, 78.751, 155.478



79, 40.891, 214.777



49, 5.514, 169.766



66, 60.972, 155.981



20, 24.961, 159.681

Inverse Universe

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



53, 75.736, 6.535



54, 85.403, 14.646



54, 84.277, 39.068



47, 5.629, 351.395



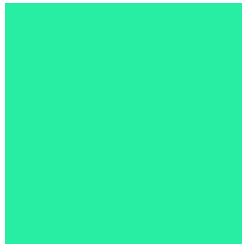
39, 66.515, 13.441



8, 28.796, 4.847

Previews

White Background



This preview shows how the CIELCh color 84, 67.598, 159.184 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, 67.598, 159.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

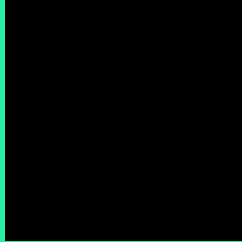
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 67.598, 159.184

Background



This preview shows how black text looks on a background with the CIELCh color 84, 67.598, 159.184.

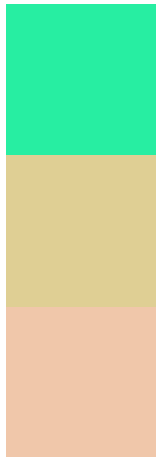


This preview shows how white text looks on a background with the CIELCh color 84, 67.598, 159.184.

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

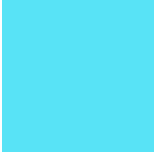
84, 67.598, 159.184

Protanopia

83, 31.526, 95.584

Deuteranopia

83, 22.505, 62.522



Tritanopia
84, 37.594, 212.769

Trichromacy



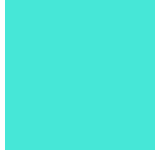
Original Color
84, 67.598, 159.184



Protanomaly
82, 41.316, 141.259



Deuteranomaly
81, 29.830, 143.040

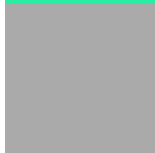


Tritanomaly
84, 44.721, 185.450

Monochromacy



Original Color
84, 67.598, 159.184



Achromatopsia
70, 0.009, 296.813



Achromatomaly
74, 29.940, 166.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 67.598, 159.184 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(39, 238, 162)` looks like.

```
.text, #text, p{  
    color:rgb(39, 238, 162)  
}
```

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(39, 238, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 238, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 67.598, 159.184 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(39, 238, 162) }
```

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

```
.border{ border-color:rgb(39, 238, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 238, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 238, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 238, 162);  
box-shadow:4px 4px 4px 4px rgb(39, 238,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 67.598, 159.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 238, 162) }
```

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

```
.background{ background-color: rgb(39, 238,  
162) }
```

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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