

Converting Colors

CIELCh(87, 64.165, 165.950)

Have a look what the booklet for
CIELCh(87, 64.165, 165.950)
contains.

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Color

CIELCh(87, 64.380, 165.762)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 11F7BA |
| RGB | 17, 247, 186 |
| RGB Percent | 7%, 97%, 73% |
| CMY | 0.9342, 0.0324, 0.2716 |
| CMYK | 0.93, 0.00, 0.25, 0.03 |
| HSL | 164°, 93%, 52% |
| HSV | 164°, 93%, 97% |
| XYZ | 42.2404, 70.0064, 57.5995 |
| YIQ | 171.2760, -117.4990, -67.7310 |

Conversions

Conversions Part 2

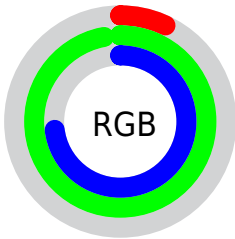
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 150, 247 |
| Decimal | 1177530 |
| CIELab | 87.00, -62.40, 15.83 |
| CIELCh | 87, 64.380, 165.762 |
| Yxy | 70.0064, 0.2487, 0.4122 |
| Android (android.graphics.Color) | 4279367610 (0xFF11F7BA) |
| YUV | 171.2760, 7.2589, -135.3001 |
| Hunter-Lab | 83.6698, -56.3072, 17.7528 |

Details

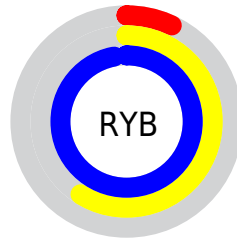
The CIELCh color **87, 64.380, 165.762** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **53, 84.419, 21.509**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 40.966, 187.347**, and **68, 56.166, 162.114** is the 20% darker color. If you saturate the color by 10%, you get **87, 66.322, 164.329**, and if you desaturate by 10%, it is **87, 60.937, 167.757**.

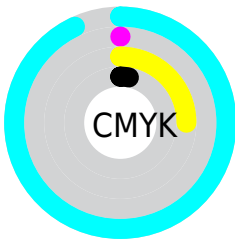
Distribution



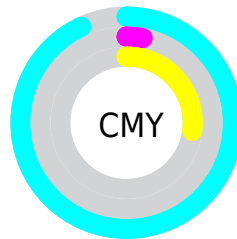
- Red (7%)
- Green (97%)
- Blue (73%)



- Red (7%)
- Yellow (59%)
- Blue (97%)



- Cyan (93%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)




- Cyan (93%)
- Magenta (3%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 64.380, 165.762 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 87, 64.380, 165.762 by changing the saturation by 10% instead.

 87, 64.380,
165.762


 87, 64.380,
165.762


 100, 64.380,
165.762

 77, 64.380,
165.762

 67, 64.380,
165.762

 57, 64.380,
165.762

 47, 64.380,
165.762

 37, 64.380,
165.762

 27, 64.380,
165.762


 17, 64.380,


165.762


 7, 64.380, 165.762


 0, 64.380, 165.762


 87, 64.380,
165.762

 87, 64.380,
165.762

 87, 66.322,
164.329

 87, 60.937,
167.757

 88, 56.544,
169.556

 88, 51.151,
171.167

 89, 44.791,
172.612

 90, 37.566,

173.916

■ 92, 29.615,
175.103

■ 93, 21.096,
176.198

■ 95, 12.166,
177.227

■ 97, 2.971, 178.318

Harmonies

Complementary

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



87, 64.380, 165.762



53, 84.419, 21.509

Rectangle

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



87, 64.380, 165.762



87, 64.380, 215.762



87, 64.380, 345.762



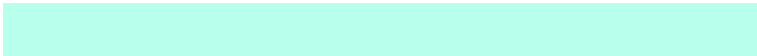
87, 64.380, 35.762

Sweetspot

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



87, 64.380, 165.761



95, 25.929, 175.677



86, 111.239, 133.474



50, 17.743, 175.197



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 64.380, 165.761



89, 68.040, 164.289



73, 43.114, 240.612



50, 5.225, 177.603



67, 53.361, 164.728



21, 22.682, 167.890

Inverse Universe

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



53, 84.419, 21.509



54, 90.038, 25.419



56, 91.065, 44.536



48, 5.389, 359.267



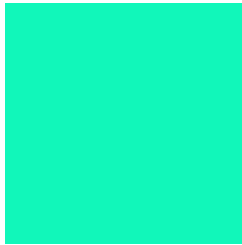
39, 70.500, 24.215



9, 29.768, 13.324

Previews

White Background



This preview shows how the CIE LCh color 87, 64.380, 165.762 looks on a white background.

Color Contrast Check

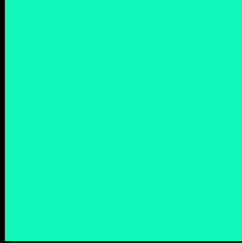
Large Text (above 18pt) WCAG AA × Fail

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 87, 64.380, 165.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

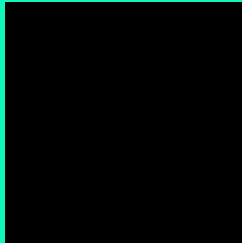
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

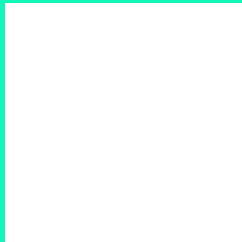
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 64.380, 165.762

Background



This preview shows how black text looks on a background with the CIELCh color 87, 64.380, 165.762.

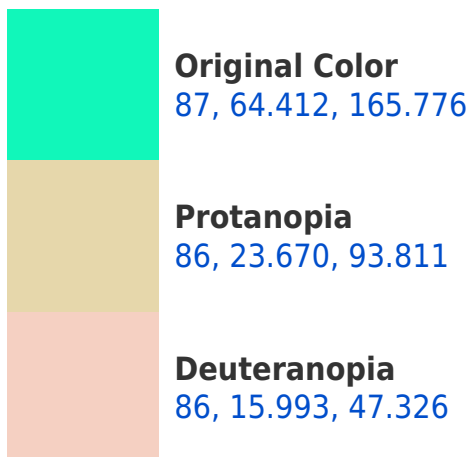


This preview shows how white text looks on a background with the CIELCh color 87, 64.380, 165.762.

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
87, 38.673, 212.201

Trichromacy



Original Color
87, 64.412, 165.776



Protanomaly
84, 38.039, 152.317



Deuteranomaly
84, 26.987, 160.320

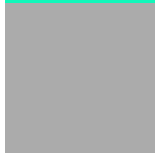


Tritanomaly
87, 45.706, 189.819

Monochromacy



Original Color
87, 64.412, 165.776



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 31.165, 173.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 64.380, 165.762 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(17, 247, 186)` looks like.

```
.text, #text, p{  
    color:rgb(17, 247, 186)  
}
```

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(17, 247, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 247, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 64.380, 165.762 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(17, 247, 186) }
```

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

```
.border{ border-color:rgb(17, 247, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 247, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 247, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 247, 186);  
box-shadow:4px 4px 4px 4px rgb(17, 247,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 64.380, 165.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 247, 186) }
```

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

```
.background{ background-color: rgb(17, 247,  
186) }
```

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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