

Converting Colors

CIELCh(87, 32.992, 177.649)

Have a look what the booklet for
CIELCh(87, 32.992, 177.649)
contains.

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Color

CIELCh(87, 32.992, 177.649)

Conversions

Conversions Part 1

Format	Color
Hex	8CEBD6
RGB	140, 235, 214
RGB Percent	55%, 92%, 84%
CMY	0.4501, 0.0775, 0.1599
CMYK	0.40, 0.00, 0.09, 0.08
HSL	167°, 71%, 74%
HSV	167°, 40%, 92%
XYZ	52.7908, 70.0064, 74.4956
YIQ	204.2010, -49.8790, -26.6710

Conversions

Conversions Part 2

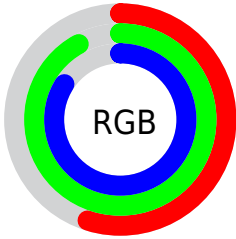
Format	Color
RYB	140, 193, 235
Decimal	9235414
CIELab	87.00, -32.96, 1.35
CIELCh	87, 32.992, 177.649
Yxy	70.0064, 0.2676, 0.3548
Android (android.graphics.Color)	4287425494 (0xFF8CEBD6)
YUV	204.2010, 4.8309, -56.3043
Hunter-Lab	83.6698, -33.7991, 5.7799

Details

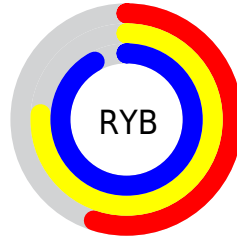
The CIELCh color **87, 32.992, 177.649** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 38.803, 6.732**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **67, 33.289, 177.212** is the 20% darker color. If you saturate the color by 10%, you get **86, 39.801, 176.453**, and if you desaturate by 10%, it is **88, 25.496, 178.749**.

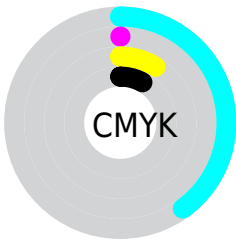
Distribution



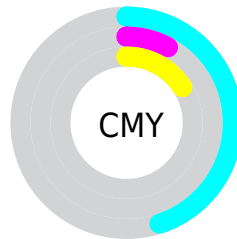
- Red (55%)
- Green (92%)
- Blue (84%)



- Red (55%)
- Yellow (76%)
- Blue (92%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)





- Cyan (45%)
- Magenta (8%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 32.992, 177.649 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, 32.992, 177.649 by changing the saturation by 10% instead.


 87, 32.992,
177.649


 87, 32.992,
177.649

 100, 32.992,
177.649

 77, 32.992,
177.649

 67, 32.992,
177.649

 57, 32.992,
177.649

 47, 32.992,
177.649

 37, 32.992,
177.649

 27, 32.992,
177.649

 17, 32.992,

177.649

■ 7, 32.992, 177.649

■ 0, 32.992, 177.649

■ 87, 32.992,
177.649

■ 87, 32.992,
177.649

■ 86, 39.801,
176.453

■ 88, 25.496,
178.749

■ 85, 45.784,
175.144

■ 90, 17.458,
179.781

■ 84, 50.839,
173.697

■ 91, 9.028, 180.771

■ 84, 54.919,
172.085

■ 93, 0.337, 183.306

■ 95, 7.528, 359.970

■ 84, 58.051,

170.295

95, 8.780, 343.387

83, 60.352,
168.435

95, 10.578,
331.730

95, 12.338,
324.845

Harmonies

Complementary

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



87, 32.992, 177.649



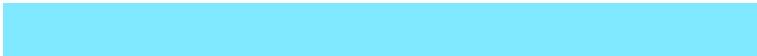
69, 38.803, 6.732

Rectangle

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



87, 32.992, 177.649



87, 32.992, 227.649



87, 32.992, 357.649



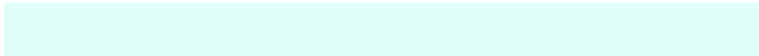
87, 32.992, 47.649

Sweetspot

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



87, 32.993, 177.647



98, 11.110, 180.606



87, 55.827, 135.624



52, 7.356, 180.477



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, 32.993, 177.647



93, 40.801, 176.722



81, 24.790, 231.360



48, 4.931, 180.863



66, 49.371, 168.791



19, 20.289, 172.023

Inverse Universe

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



69, 38.803, 6.732



70, 49.620, 8.278



74, 32.583, 45.937



46, 5.109, 2.489



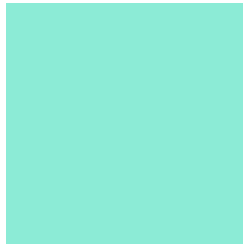
38, 70.840, 27.735



7, 27.871, 13.488

Previews

White Background



This preview shows how the CIELCh color 87, 32.992, 177.649 looks on a white background.

Color Contrast Check

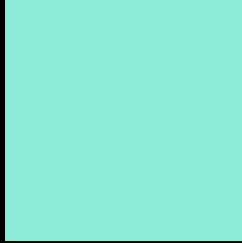
Large Text (above 18pt) WCAG AA × Fail

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, 32.992, 177.649 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

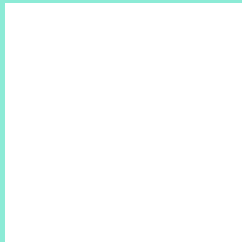
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 32.992, 177.649

Background



This preview shows how black text looks on a background with the CIELCh color 87, 32.992, 177.649.



This preview shows how white text looks on a background with the CIELCh color 87, 32.992, 177.649.

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



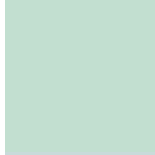


Tritanopia
87, 26.248, 220.395

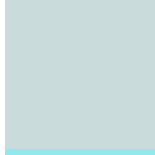
Trichromacy



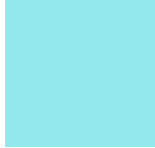
Original Color
87, 32.992, 177.649



Protanomaly
86, 13.094, 161.672



Deuteranomaly
86, 6.385, 194.321

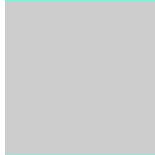


Tritanomaly
87, 26.893, 202.172

Monochromacy



Original Color
87, 32.992, 177.649



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 12.583, 181.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 32.992, 177.649 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(140, 235, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 235, 214)  
}
```

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(140, 235, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 235, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 32.992, 177.649 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(140, 235, 214) }
```

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

```
.border{ border-color:rgb(140, 235, 214) }
```

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

Here you see how a box with a 4 pixel rgb(140, 235, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 235, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 235, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 235,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 32.992, 177.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 235, 214) }
```

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

```
.background{ background-color: rgb(140,  
235, 214) }
```

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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