

Converting Colors

CIELCh(87, 26.158, 188.392)

Have a look what the booklet for
CIELCh(87, 26.158, 188.392)
contains.

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Color

CIELCh(87, 26.166, 188.381)

Conversions

Conversions Part 1

Format	Color
Hex	99E8E0
RGB	153, 232, 224
RGB Percent	60%, 91%, 88%
CMY	0.3992, 0.0894, 0.1208
CMYK	0.34, 0.00, 0.03, 0.09
HSL	174°, 63%, 76%
HSV	174°, 34%, 91%
XYZ	55.5653, 70.0064, 81.2423
YIQ	207.4670, -44.5160, -19.2360

Conversions

Conversions Part 2

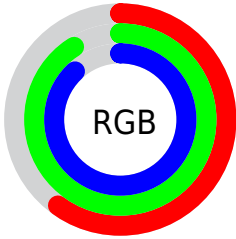
Format	Color
RYB	153, 195, 232
Decimal	10086624
CIELab	87.00, -25.89, -3.81
CIElCh	87, 26.166, 188.381
Yxy	70.0064, 0.2687, 0.3385
Android (android.graphics.Color)	4288276704 (0xFF99E8E0)
YUV	207.4670, 8.1508, -47.7676
Hunter-Lab	83.6698, -27.8801, 0.9991

Details

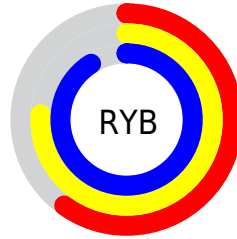
The CIELCh color **87, 26.166, 188.381** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 31.656, 14.755**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **67, 26.070, 188.663** is the 20% darker color. If you saturate the color by 10%, you get **86, 32.571, 187.547**, and if you desaturate by 10%, it is **88, 19.066, 189.192**.

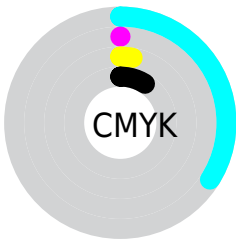
Distribution



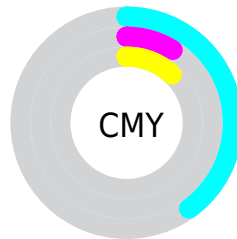
- Red (60%)
- Green (91%)
- Blue (88%)



- Red (60%)
- Yellow (76%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)





- Cyan (40%)
- Magenta (9%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.166, 188.381 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, 26.166, 188.381 by changing the saturation by 10% instead.


 87, 26.166,
188.381


 87, 26.166,
188.381


 100, 26.166,
188.381


 77, 26.166,
188.381

 67, 26.166,
188.381

 57, 26.166,
188.381

 47, 26.166,
188.381

 37, 26.166,
188.381

 27, 26.166,
188.381

 17, 26.166,

188.381

■ 7, 26.166, 188.381

■ 0, 26.166, 188.381

■ 87, 26.166,
188.381

■ 87, 26.166,
188.381

■ 86, 32.571,
187.547

■ 88, 19.066,
189.192

■ 85, 38.146,
186.687

■ 90, 11.411,
190.003

■ 84, 42.784,
185.783

■ 91, 3.336, 190.909

■ 84, 46.421,
184.818

■ 93, 5.032, 11.380

■ 94, 8.429, 6.717

■ 83, 49.050,

183.773

94, 8.765, 359.008

83, 50.744,
182.631

94, 9.250, 351.994

83, 51.444,
181.915

94, 9.862, 345.775

94, 10.579,
340.351

Harmonies

Complementary

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



87, 26.166, 188.381



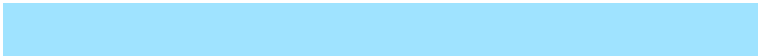
71, 31.656, 14.755

Rectangle

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



87, 26.166, 188.381



87, 26.166, 238.381



87, 26.166, 8.381



87, 26.166, 58.381

Sweetspot

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



87, 26.167, 188.378



98, 8.850, 190.334



86, 48.447, 139.167



52, 6.021, 190.215



0, 0.000, 0.000



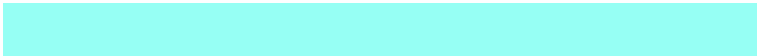
53, 0.007, 296.813

Same Dimension

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



87, 26.167, 188.378



94, 33.111, 187.783



79, 21.892, 246.643



48, 4.704, 190.383



66, 42.622, 182.122



19, 17.956, 184.038

Inverse Universe

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



71, 31.656, 14.755



73, 41.919, 15.969



78, 25.884, 58.655



46, 4.939, 11.768



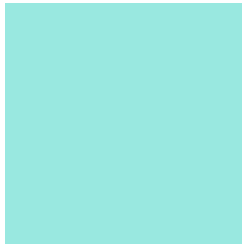
38, 76.562, 35.709



7, 28.149, 18.572

Previews

White Background



This preview shows how the CIE LCh color 87, 26.166, 188.381 looks on a white background.

Color Contrast Check

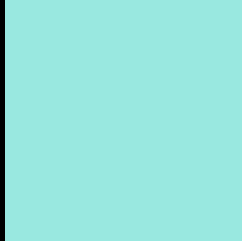
Large Text (above 18pt) WCAG AA × Fail

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, 26.166, 188.381 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, 26.166, 188.381

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.166, 188.381.

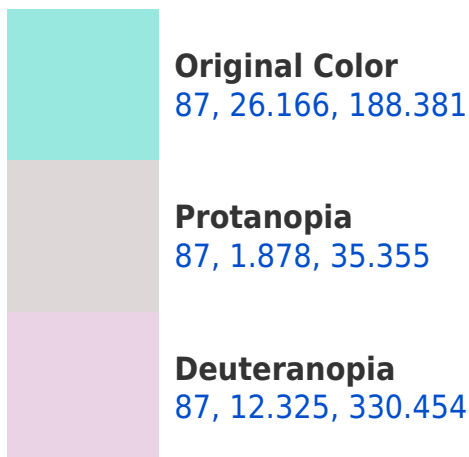



This preview shows how white text looks on a background with the CIELCh color 87, 26.166, 188.381.

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



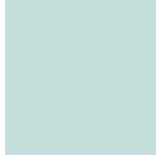


Tritanopia
87, 23.457, 221.974

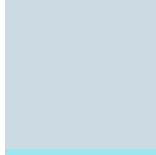
Trichromacy



Original Color
87, 26.166, 188.381



Protanomaly
87, 9.404, 185.895



Deuteranomaly
87, 6.624, 238.541

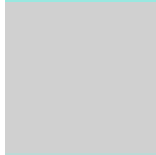


Tritanomaly
87, 23.439, 209.630

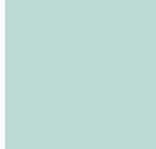
Monochromacy



Original Color
87, 26.166, 188.381



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 10.314, 189.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.166, 188.381 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(153, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(153, 232, 224)  
}
```

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(153, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 232, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.166, 188.381 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(153, 232, 224) }
```

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

```
.border{ border-color:rgb(153, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(153, 232,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.166, 188.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 232, 224) }
```

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

```
.background{ background-color: rgb(153,  
232, 224) }
```

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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