

Converting Colors

CIELCh(84, 27.174, 168.955)

Have a look what the booklet for
CIELCh(84, 27.174, 168.955)
contains.

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Color

CIELCh(84, 26.847, 169.372)

Conversions

Conversions Part 1

Format	Color
Hex	9BDFC7
RGB	155, 223, 199
RGB Percent	61%, 87%, 78%
CMY	0.3910, 0.1243, 0.2185
CMYK	0.30, 0.00, 0.11, 0.12
HSL	159°, 52%, 74%
HSV	159°, 30%, 88%
XYZ	50.3803, 64.0658, 63.9178
YIQ	199.9320, -32.8240, -21.8800

Conversions

Conversions Part 2

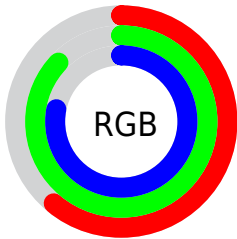
Format	Color
RYB	155, 196, 223
Decimal	10215367
CIELab	84.00, -26.39, 4.95
CIELCh	84, 26.847, 169.372
Yxy	64.0658, 0.2825, 0.3592
Android (android.graphics.Color)	4288405447 (0xFF9BDFC7)
YUV	199.9320, -0.4595, -39.4054
Hunter-Lab	80.0411, -27.7186, 8.6820

Details

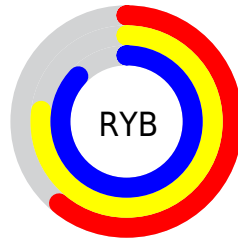
The CIELCh color $84, 26.847, 169.372$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 28.899, 355.685$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.683, 198.527$, and $64, 27.258, 168.975$ is the 20% darker color. If you saturate the color by 10%, you get $83, 35.029, 168.169$, and if you desaturate by 10%, it is $85, 18.258, 170.465$.

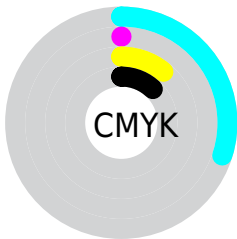
Distribution



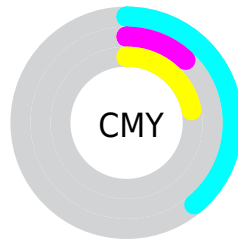
- Red (61%)
- Green (87%)
- Blue (78%)



- Red (61%)
- Yellow (77%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)





- Cyan (39%)
- Magenta (12%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.847, 169.372 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, 26.847, 169.372 by changing the saturation by 10% instead.


 84, 26.847,
169.372

 84, 26.847,
169.372


 100, 26.847,
169.372


 74, 26.847,
169.372

 64, 26.847,
169.372

 54, 26.847,
169.372

 44, 26.847,
169.372

 34, 26.847,
169.372

 24, 26.847,
169.372

 14, 26.847,

169.372

■ 4, 26.847, 169.372

■ 0, 26.847, 169.372

■ 84, 26.847,
169.372

■ 84, 26.847,
169.372

■ 83, 35.029,
168.169

■ 85, 18.258,
170.465

■ 82, 42.648,
166.837

■ 87, 9.401, 171.485

■ 81, 49.559,
165.348

■ 89, 0.407, 173.574

■ 80, 55.644,
163.676

■ 91, 8.619, 353.147

■ 92, 13.877,
345.461

■ 80, 60.836,

161.802

92, 16.486,
333.735

79, 65.144,
159.718

92, 19.611,
325.566

79, 68.596,
157.593

92, 19.835,
325.114

Harmonies

Complementary

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



84, 26.847, 169.372



71, 28.899, 355.685

Rectangle

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



84, 26.847, 169.372



84, 26.847, 219.372



84, 26.847, 349.372



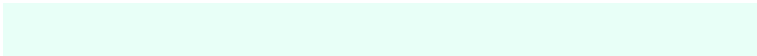
84, 26.847, 39.372

Sweetspot

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



84, 26.848, 169.370



98, 9.016, 171.625



85, 38.964, 132.178



52, 6.261, 171.477



0, 0.000, 0.000



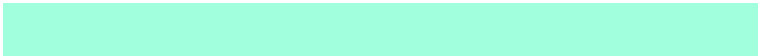
53, 0.007, 296.813

Same Dimension

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



84, 26.848, 169.370



94, 35.905, 168.565



82, 19.661, 212.384



46, 5.127, 171.586



64, 57.021, 157.984



17, 21.817, 162.291

Inverse Universe

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



71, 28.899, 355.685



76, 39.303, 356.666



73, 24.448, 32.846



44, 5.245, 353.220



37, 64.923, 15.971



6, 25.493, 4.681

Previews

White Background



This preview shows how the CIE LCh color 84, 26.847, 169.372 looks on a white background.

Color Contrast Check

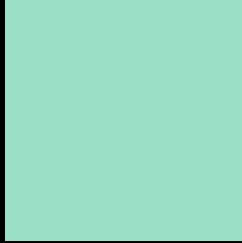
Large Text (above 18pt) WCAG AA × Fail

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, 26.847, 169.372 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, 26.847, 169.372

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.847, 169.372.

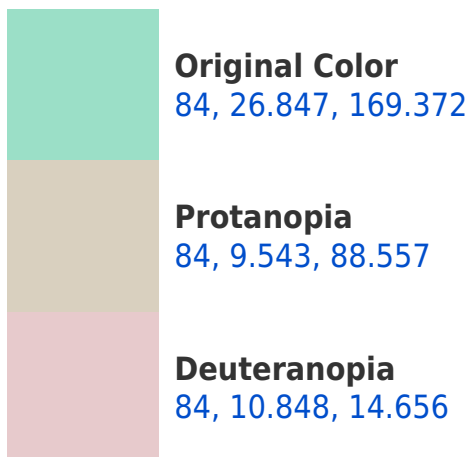


This preview shows how white text looks on a background with the CIELCh color 84, 26.847, 169.372.

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



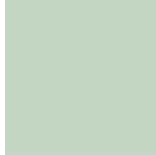


Tritanopia
84, 19.753, 227.278

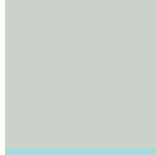
Trichromacy



Original Color
84, 26.847, 169.372



Protanomaly
84, 12.684, 142.606



Deuteranomaly
83, 4.948, 140.870

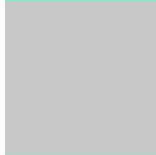


Tritanomaly
84, 19.790, 202.694

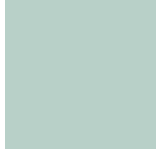
Monochromacy



Original Color
84, 26.847, 169.372



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 9.664, 172.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.847, 169.372 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(155, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 223, 199)  
}
```

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(155, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 223, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.847, 169.372 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(155, 223, 199) }
```

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

```
.border{ border-color:rgb(155, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 223, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 223, 199); box-shadow:4px 4px 4px 4px rgb(155, 223, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.847, 169.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 223, 199) }
```

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

```
.background{ background-color: rgb(155,  
223, 199) }
```

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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