

Converting Colors

CIELCh(84, 36.445, 151.920)

Have a look what the booklet for
CIELCh(84, 36.445, 151.920)
contains.

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Color

CIELCh(84, 36.383, 152.073)

Conversions

Conversions Part 1

Format	Color
Hex	9AE1B0
RGB	154, 225, 176
RGB Percent	60%, 88%, 69%
CMY	0.3949, 0.1164, 0.3086
CMYK	0.32, 0.00, 0.22, 0.12
HSL	139°, 54%, 74%
HSV	139°, 32%, 88%
XYZ	48.2595, 64.0658, 51.0511
YIQ	198.1850, -26.5870, -30.2910

Conversions

Conversions Part 2

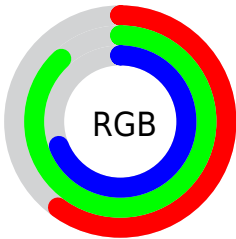
Format	Color
RYB	154, 208, 225
Decimal	10150320
CIELab	84.00, -32.15, 17.04
CIELCh	84, 36.383, 152.073
Yxy	64.0658, 0.2954, 0.3921
Android (android.graphics.Color)	4288340400 (0xFF9AE1B0)
YUV	198.1850, -10.9372, -38.7502
Hunter-Lab	80.0411, -32.4482, 18.2130

Details

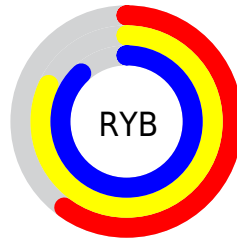
The CIELCh color **84, 36.383, 152.073** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 36.817, 337.013**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.710, 161.539**, and **64, 36.399, 152.070** is the 20% darker color. If you saturate the color by 10%, you get **83, 47.575, 150.968**, and if you desaturate by 10%, it is **86, 24.897, 153.034**.

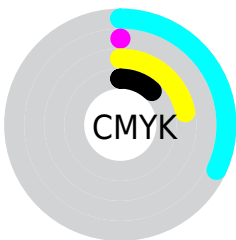
Distribution



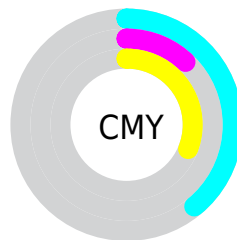
- Red (60%)
- Green (88%)
- Blue (69%)



- Red (60%)
- Yellow (82%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (39%)
- Magenta (12%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 36.383, 152.073 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, 36.383, 152.073 by changing the saturation by 10% instead.


 84, 36.383,
152.073


 84, 36.383,
152.073


 100, 36.383,
152.073


 74, 36.383,
152.073

 64, 36.383,
152.073

 54, 36.383,
152.073

 44, 36.383,
152.073

 34, 36.383,
152.073

 24, 36.383,
152.073

 14, 36.383,

152.073

■ 4, 36.383, 152.073

■ 0, 36.383, 152.073

■ 84, 36.383,
152.073

■ 84, 36.383,
152.073

■ 83, 47.575,
150.968

■ 86, 24.897,
153.034

■ 81, 58.257,
149.697

■ 87, 13.298,
153.880

■ 81, 68.209,
148.243

■ 89, 1.736, 154.795


■ 80, 77.219,
146.599


■ 91, 9.673, 335.183


■ 93, 18.170,
325.930

■ 79, 85.115,

144.777

 93, 18.564,
325.069

 79, 91.785,
142.823

 79, 96.520,
141.172

Harmonies

Complementary

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



84, 36.383, 152.073



72, 36.817, 337.013

Rectangle

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



84, 36.383, 152.073



84, 36.383, 202.073



84, 36.383, 332.073



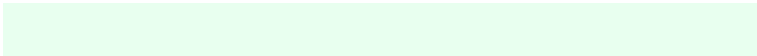
84, 36.383, 22.073

Sweetspot

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



84, 36.385, 152.073



98, 11.474, 154.075



87, 37.472, 119.966



52, 7.979, 153.959



0, 0.000, 0.000



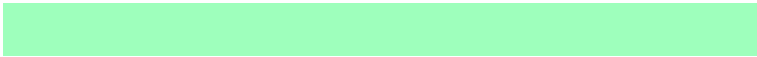
53, 0.007, 296.813

Same Dimension

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



84, 36.385, 152.073



93, 48.286, 151.345



85, 25.140, 180.297



46, 6.527, 154.045



63, 79.589, 141.523



16, 29.749, 145.840

Inverse Universe

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



72, 36.817, 337.013



77, 48.886, 337.586



71, 28.697, 6.835



44, 6.562, 335.302



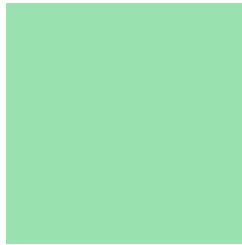
39, 69.502, 345.528



7, 29.201, 341.972

Previews

White Background



This preview shows how the CIELCh color 84, 36.383, 152.073 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, 36.383, 152.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

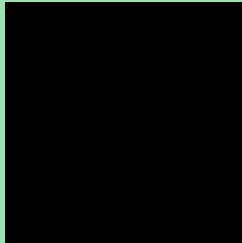
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 36.383, 152.073

Background



This preview shows how black text looks on a background with the CIELCh color 84, 36.383, 152.073.

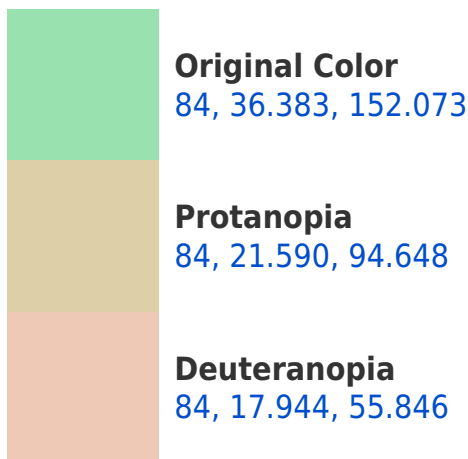



This preview shows how white text looks on a background with the CIELCh color 84, 36.383, 152.073.

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, 18.746, 229.071

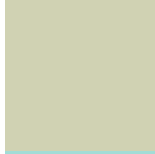
Trichromacy



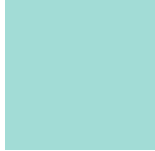
Original Color
84, 36.383, 152.073



Protanomaly
83, 23.442, 124.322



Deuteranomaly
83, 16.283, 111.441



Tritanomaly
84, 19.913, 188.825

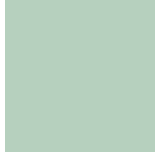
Monochromacy



Original Color
84, 36.383, 152.073



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 13.550, 153.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 36.383, 152.073 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(154, 225, 176)` looks like.

```
.text, #text, p{  
    color:rgb(154, 225, 176)  
}
```

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(154, 225, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 225, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 36.383, 152.073 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(154, 225, 176) }
```

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

```
.border{ border-color:rgb(154, 225, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 225, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 225, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 225, 176); box-shadow:4px 4px 4px 4px rgb(154, 225, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 36.383, 152.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 225, 176) }
```

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

```
.background{ background-color: rgb(154,  
225, 176) }
```

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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