

Converting Colors

CIELCh(84, 32.318, 153.696)

Have a look what the booklet for
CIELCh(84, 32.318, 153.696)
contains.

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Color

CIELCh(84, 32.258, 154.117)

Conversions

Conversions Part 1

Format	Color
Hex	9FE0B6
RGB	159, 224, 182
RGB Percent	62%, 88%, 71%
CMY	0.3764, 0.1215, 0.2862
CMYK	0.29, 0.00, 0.19, 0.12
HSL	141°, 51%, 75%
HSV	141°, 29%, 88%
XYZ	49.4022, 64.0658, 54.0227
YIQ	199.7770, -25.2580, -26.8420

Conversions

Conversions Part 2

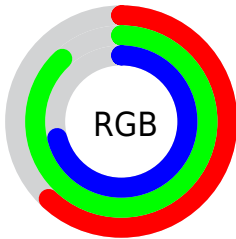
Format	Color
RYB	159, 207, 224
Decimal	10477750
CIELab	84.00, -29.02, 14.08
CIELCh	84, 32.258, 154.117
Yxy	64.0658, 0.2950, 0.3825
Android (android.graphics.Color)	4288667830 (0xFF9FE0B6)
YUV	199.7770, -8.7641, -35.7614
Hunter-Lab	80.0411, -29.8998, 16.0117

Details

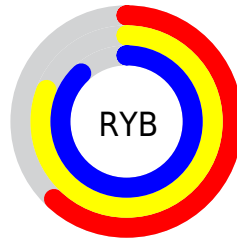
The CIELCh color **84, 32.258, 154.117** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 32.761, 338.792**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.456, 166.496**, and **64, 31.892, 154.071** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.087, 153.027**, and if you desaturate by 10%, it is **86, 21.180, 155.070**.

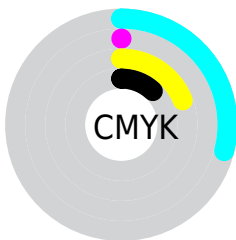
Distribution



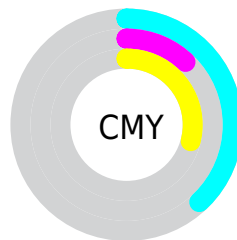
- Red (62%)
- Green (88%)
- Blue (71%)



- Red (62%)
- Yellow (81%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)





- Cyan (38%)
- Magenta (12%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 32.258, 154.117 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, 32.258, 154.117 by changing the saturation by 10% instead.


 84, 32.258,
154.117


 84, 32.258,
154.117


 100, 32.258,
154.117


 74, 32.258,
154.117

 64, 32.258,
154.117

 54, 32.258,
154.117

 44, 32.258,
154.117

 34, 32.258,
154.117


 24, 32.258,
154.117


 14, 32.258,


154.117


 4, 32.258, 154.117


 0, 32.258, 154.117


 84, 32.258,
154.117


 84, 32.258,
154.117

 83, 43.087,
153.027


 86, 21.180,
155.070


 81, 53.468,
151.778

 87, 10.017,
155.921


 80, 63.198,
150.347

 89, 1.094, 336.261

 80, 72.080,
148.720

 92, 12.049,
337.233

 79, 79.955,

 92, 19.126,
325.634

146.895

■ 92, 19.384,
325.098

■ 79, 86.727,
144.900

■ 78, 92.420,
142.826

■ 78, 92.942,
142.634

Harmonies

Complementary

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



84, 32.258, 154.117



73, 32.761, 338.792

Rectangle

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



84, 32.258, 154.117



84, 32.258, 204.117



84, 32.258, 334.117



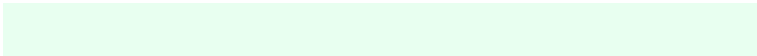
84, 32.258, 24.117

Sweetspot

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



84, 32.260, 154.116



98, 11.105, 155.917



86, 34.709, 122.097



52, 7.722, 155.796



0, 0.000, 0.000



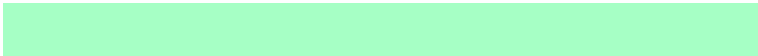
53, 0.007, 296.813

Same Dimension

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



84, 32.260, 154.116



93, 43.068, 153.455



85, 22.550, 184.627



46, 6.318, 155.886



63, 76.963, 142.999



16, 28.788, 147.301

Inverse Universe

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



73, 32.761, 338.792



78, 43.820, 339.353



72, 25.941, 10.265



44, 6.359, 337.193



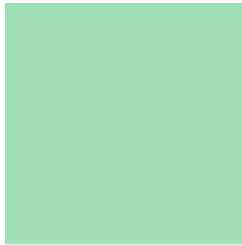
39, 67.735, 348.942



7, 28.427, 344.616

Previews

White Background



This preview shows how the CIELCh color 84, 32.258, 154.117 looks on a white background.

Color Contrast Check

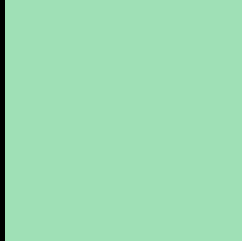
Large Text (above 18pt) WCAG AA × Fail

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, 32.258, 154.117 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

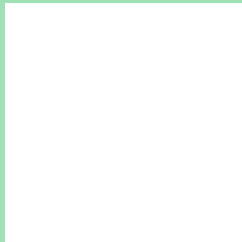
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 32.258, 154.117

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.258, 154.117.

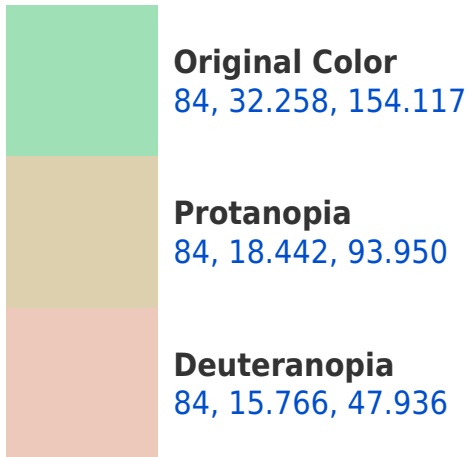


This preview shows how white text looks on a background with the CIELCh color 84, 32.258, 154.117.

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, 17.764, 228.987

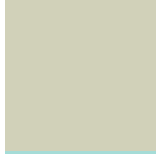
Trichromacy



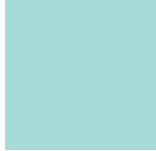
Original Color
84, 32.258, 154.117



Protanomaly
84, 20.337, 125.848



Deuteranomaly
83, 12.607, 109.071

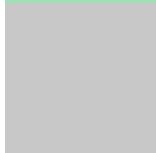


Tritanomaly
84, 18.867, 190.021

Monochromacy



Original Color
84, 32.258, 154.117



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 12.255, 154.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.258, 154.117 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(159, 224, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 224, 182)  
}
```

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(159, 224, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 224, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.258, 154.117 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(159, 224, 182) }
```

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

```
.border{ border-color:rgb(159, 224, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 224, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 224, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 224, 182); box-shadow:4px 4px 4px 4px rgb(159, 224, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.258, 154.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 224, 182) }
```

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

```
.background{ background-color: rgb(159,  
224, 182) }
```

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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