

Converting Colors

CIELCh(76, 32.344, 153.070)

Have a look what the booklet for
CIELCh(76, 32.344, 153.070)
contains.

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Color

CIELCh(76, 32.388, 153.054)

Conversions

Conversions Part 1

Format	Color
Hex	8AC99F
RGB	138, 201, 159
RGB Percent	54%, 79%, 62%
CMY	0.4575, 0.2104, 0.3751
CMYK	0.31, 0.00, 0.21, 0.21
HSL	140°, 37%, 67%
HSV	140°, 31%, 79%
XYZ	37.7953, 49.8872, 40.5930
YIQ	177.3750, -24.0660, -26.4180

Conversions

Conversions Part 2

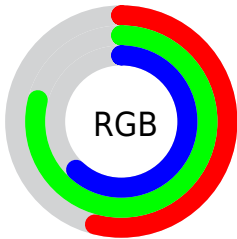
Format	Color
RYB	138, 185, 201
Decimal	9095583
CIELab	76.00, -28.87, 14.68
CIELCh	76, 32.388, 153.054
Yxy	49.8872, 0.2946, 0.3889
Android (android.graphics.Color)	4287285663 (0xFF8AC99F)
YUV	177.3750, -9.0589, -34.5319
Hunter-Lab	70.6309, -28.0868, 15.3665

Details

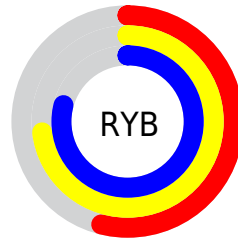
The CIELCh color **76, 32.388, 153.054** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 32.845, 338.024**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.417, 153.933**, and **56, 32.724, 152.489** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.423, 151.952**, and if you desaturate by 10%, it is **77, 22.093, 154.016**.

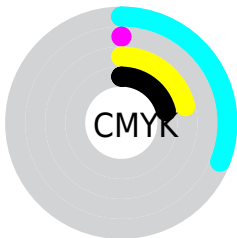
Distribution



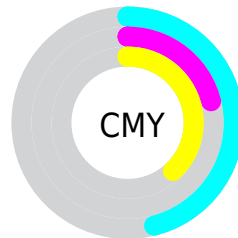
- Red (54%)
- Green (79%)
- Blue (62%)



- Red (54%)
- Yellow (73%)
- Blue (79%)



- Cyan (31%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)





- Cyan (46%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.388, 153.054 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 76, 32.388, 153.054 by changing the saturation by 10% instead.


 76, 32.388,
153.054


 76, 32.388,
153.054


 100, 32.388,
153.054


 66, 32.388,
153.054


 96, 32.388,
153.054

 56, 32.388,
153.054

 46, 32.388,
153.054

 36, 32.388,
153.054

 26, 32.388,
153.054

 16, 32.388,
153.054

 6, 32.388, 153.054

■ 0, 32.388, 153.054

■ 76, 32.388,
153.054

■ 76, 32.388,
153.054

■ 75, 42.423,
151.952

■ 77, 22.093,
154.016

■ 74, 52.011,
150.687

■ 79, 11.695,
154.866

■ 73, 60.960,
149.240

■ 81, 1.328, 155.835

■ 72, 69.090,
147.602

■ 83, 8.908, 336.182

■ 72, 76.255,
145.778

■ 85, 18.938,
336.782

■ 71, 82.365,
143.804

■ 87, 27.695,
335.006

■ 87, 32.942,

■ 71, 86.889,
142.077

326.455

■ 87, 33.642,
325.595

Harmonies

Complementary

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



76, 32.388, 153.054



65, 32.845, 338.024

Rectangle

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



76, 32.388, 153.054



76, 32.388, 203.054



76, 32.388, 333.054



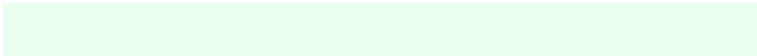
76, 32.388, 23.054

Sweetspot

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



76, 32.389, 153.054



98, 11.276, 155.041



78, 34.071, 120.661



52, 7.841, 154.923



0, 0.000, 0.000



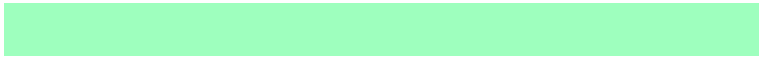
53, 0.007, 296.813

Same Dimension

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



76, 32.389, 153.054



93, 47.409, 152.272



77, 22.585, 181.681



41, 5.808, 155.021



59, 73.768, 142.415



11, 22.488, 150.246

Inverse Universe

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



65, 32.845, 338.024



77, 48.131, 338.661



64, 25.905, 8.028



39, 5.843, 336.283



36, 64.895, 347.167



4, 20.006, 342.629

Previews

White Background



This preview shows how the CIELCh color 76, 32.388, 153.054 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 76, 32.388, 153.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

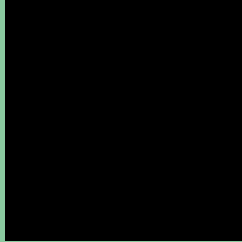
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.388, 153.054

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.388, 153.054.



This preview shows how white text looks on a background with the CIELCh color 76, 32.388, 153.054.

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



Original Color

76, 32.388, 153.054

Protanopia

76, 18.834, 93.678

Deuteranopia

76, 15.717, 53.140

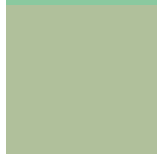


Tritanopia
76, 16.953, 229.210

Trichromacy



Original Color
76, 32.388, 153.054



Protanomaly
76, 20.750, 125.755



Deuteranomaly
75, 13.953, 112.044



Tritanomaly
76, 18.182, 189.470

Monochromacy



Original Color
76, 32.388, 153.054



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 11.612, 154.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.388, 153.054 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(138, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(138, 201, 159)  
}
```

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(138, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 201, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.388, 153.054 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(138, 201, 159) }
```

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

```
.border{ border-color:rgb(138, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(138, 201,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.388, 153.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 201, 159) }
```

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

```
.background{ background-color: rgb(138,  
201, 159) }
```

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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