

Converting Colors

CIECh(76, 33.124, 150.010)

Have a look what the booklet for
CIELCh(76, 33.124, 150.010)
contains.

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Color

CIELCh(76, 32.891, 150.014)

Conversions

Conversions Part 1

Format	Color
Hex	8DC99C
RGB	141, 201, 156
RGB Percent	55%, 79%, 61%
CMY	0.4467, 0.2114, 0.3879
CMYK	0.30, 0.00, 0.22, 0.21
HSL	135°, 36%, 67%
HSV	135°, 30%, 79%
XYZ	37.9137, 49.8872, 39.1206
YIQ	177.9300, -21.3150, -26.7150

Conversions

Conversions Part 2

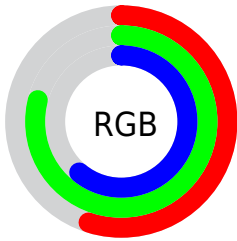
Format	Color
RYB	141, 189, 201
Decimal	9292188
CIELab	76.00, -28.49, 16.44
CIElCh	76, 32.891, 150.014
Yxy	49.8872, 0.2987, 0.3931
Android (android.graphics.Color)	4287482268 (0xFF8DC99C)
YUV	177.9300, -10.8115, -32.3876
Hunter-Lab	70.6309, -27.7878, 16.6025

Details

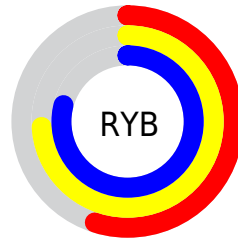
The CIELCh color **76, 32.891, 150.014** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 33.125, 334.359**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.859, 150.758**, and **56, 32.876, 150.060** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.664, 148.976**, and if you desaturate by 10%, it is **77, 21.886, 150.914**.

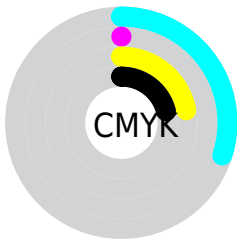
Distribution



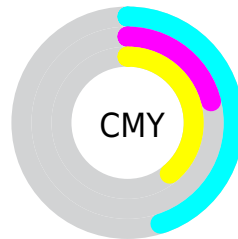
- Red (55%)
- Green (79%)
- Blue (61%)



- Red (55%)
- Yellow (74%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (45%)
- Magenta (21%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.891, 150.014 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, 32.891, 150.014 by changing the saturation by 10% instead.


 76, 32.891,
150.014


 76, 32.891,
150.014


 100, 32.891,
150.014


 66, 32.891,
150.014


 96, 32.891,
150.014

 56, 32.891,
150.014

 46, 32.891,
150.014

 36, 32.891,
150.014

 26, 32.891,
150.014

 16, 32.891,
150.014

 6, 32.891, 150.014

■ 0, 32.891, 150.014

■ 76, 32.891,
150.014

■ 76, 32.891,
150.014

■ 75, 43.664,
148.976

■ 77, 21.886,
150.914

■ 74, 53.998,
147.780

■ 79, 10.815,
151.705

■ 73, 63.673,
146.413

■ 81, 0.183, 330.571

■ 72, 72.465,
144.874

■ 83, 11.006,
332.907

■ 71, 80.169,
143.182

■ 85, 21.584,
333.439

■ 71, 86.622,
141.392

■ 87, 30.382,
330.335

■ 71, 91.789,
139.652

■ 87, 33.811,
325.600

■ 71, 91.863,
139.627

Harmonies

Complementary

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



76, 32.891, 150.014



66, 33.125, 334.359

Rectangle

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



76, 32.891, 150.014



76, 32.891, 200.014



76, 32.891, 330.014



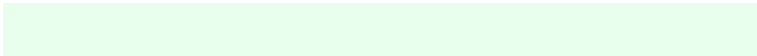
76, 32.891, 20.014

Sweetspot

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



76, 32.892, 150.014



98, 11.990, 151.758



79, 32.044, 117.349



52, 8.339, 151.647



0, 0.000, 0.000



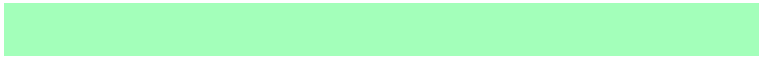
53, 0.007, 296.813

Same Dimension

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



76, 32.892, 150.014



93, 47.965, 149.339



77, 22.747, 175.413



41, 6.176, 151.740



58, 78.137, 139.919



11, 23.509, 148.322

Inverse Universe

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



66, 33.125, 334.359



78, 48.297, 334.857



65, 25.120, 1.626



39, 6.200, 332.914



36, 68.467, 341.202



4, 21.476, 337.647

Previews

White Background



This preview shows how the CIELCh color 76, 32.891, 150.014 looks on a white background.

Color Contrast Check

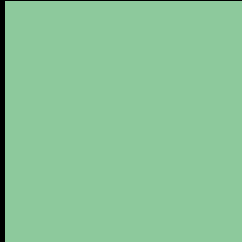
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 32.891, 150.014 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, 32.891, 150.014

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.891, 150.014.



This preview shows how white text looks on a background with the CIELCh color 76, 32.891, 150.014.

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, 32.891, 150.014

Protanopia
76, 20.389, 94.601

Deuteranopia
76, 17.060, 56.662



Tritanopia
76, 16.209, 228.566

Trichromacy



Original Color
76, 32.891, 150.014

Protanomaly
75, 21.561, 122.929

Deuteranomaly
75, 15.532, 110.142

Tritanomaly
76, 17.864, 185.815

Monochromacy



Original Color
76, 32.891, 150.014

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.757, 151.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.891, 150.014 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(141, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 156)  
}
```

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(141, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.891, 150.014 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(141, 201, 156) }
```

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

```
.border{ border-color:rgb(141, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.891, 150.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 156) }
```

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

```
.background{ background-color: rgb(141,  
201, 156) }
```

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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