

Converting Colors

CIELCh(71, 33.199, 157.784)

Have a look what the booklet for
CIELCh(71, 33.199, 157.784)
contains.

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Color

CIELCh(71, 32.892, 157.920)

Conversions

Conversions Part 1

Format	Color
Hex	76BC96
RGB	118, 188, 150
RGB Percent	46%, 74%, 59%
CMY	0.5360, 0.2615, 0.4106
CMYK	0.37, 0.00, 0.20, 0.26
HSL	147°, 34%, 60%
HSV	147°, 37%, 74%
XYZ	31.0937, 42.1875, 35.4866
YIQ	162.7380, -29.5220, -26.6580

Conversions

Conversions Part 2

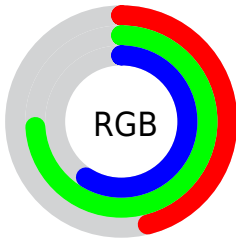
Format	Color
RYB	118, 166, 188
Decimal	7781526
CIELab	71.00, -30.48, 12.36
CIELCh	71, 32.892, 157.920
Yxy	42.1875, 0.2859, 0.3879
Android (android.graphics.Color)	4285971606 (0xFF76BC96)
YUV	162.7380, -6.2798, -39.2352
Hunter-Lab	64.9519, -28.2144, 13.0731

Details

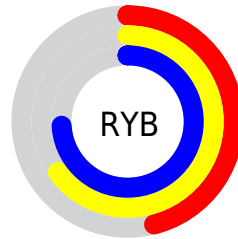
The CIELCh color **71, 32.892, 157.920** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 34.059, 344.803**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 33.325, 157.793**, and **51, 32.873, 158.048** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.194, 156.675**, and if you desaturate by 10%, it is **72, 24.235, 159.018**.

Distribution



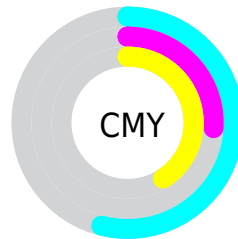
- Red (46%)
- Green (74%)
- Blue (59%)



- Red (46%)
- Yellow (65%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)





- Cyan (54%)
- Magenta (26%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.892, 157.920 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 71, 32.892, 157.920 by changing the saturation by 10% instead.


 71, 32.892,
157.920


 71, 32.892,
157.920


 100, 32.892,
157.920


 61, 32.892,
157.920


 91, 32.892,
157.920

 51, 32.892,
157.920

 41, 32.892,
157.920

 31, 32.892,
157.920

 21, 32.892,
157.920

 11, 32.892,
157.920

 1, 32.892, 157.920

0, 32.892, 157.920

71, 32.892,
157.920

71, 32.892,
157.920

70, 41.194,
156.675

72, 24.235,
159.018

69, 48.985,
155.260

74, 15.366,
159.997

68, 56.123,
153.653

75, 6.412, 160.896

68, 62.496,
151.841

77, 2.520, 341.468

79, 11.349,
342.288

67, 68.043,
149.824

81, 20.016,
342.946

67, 72.801,
147.647

83, 28.477,

■ 67, 74.070,
147.054

343.544

■ 84, 33.024,
338.077

■ 84, 36.713,
331.844

Harmonies

Complementary

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



71, 32.892, 157.920



58, 34.059, 344.803

Rectangle

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



71, 32.892, 157.920



71, 32.892, 207.920



71, 32.892, 337.920



71, 32.892, 27.920

Sweetspot

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



71, 32.893, 157.919



94, 12.173, 160.540



73, 39.301, 125.520



50, 8.178, 160.420



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 32.893, 157.919



89, 48.732, 156.865



72, 23.368, 192.872



39, 5.074, 160.702



57, 64.630, 147.380



9, 17.093, 155.376

Inverse Universe

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



58, 34.059, 344.803



70, 50.691, 345.825



57, 29.522, 19.085



37, 5.128, 342.105



34, 59.962, 357.485



3, 14.308, 349.066

Previews

White Background



This preview shows how the CIELCh color 71, 32.892, 157.920 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 71, 32.892, 157.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

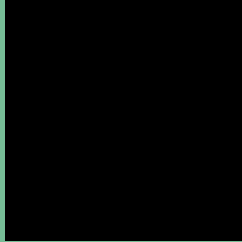
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.892, 157.920

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.892, 157.920.



This preview shows how white text looks on a background with the CIELCh color 71, 32.892, 157.920.

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
71, 32.892, 157.920

Protanopia
71, 16.781, 94.622

Deuteranopia
71, 13.329, 49.397



Tritanopia
71, 18.929, 224.029

Trichromacy



Original Color
71, 32.892, 157.920



Protanomaly
71, 19.572, 131.893



Deuteranomaly
70, 12.286, 121.799



Tritanomaly
71, 20.302, 191.575

Monochromacy



Original Color
71, 32.892, 157.920



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 12.232, 159.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.892, 157.920 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(118, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(118, 188, 150)  
}
```

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(118, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 188, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.892, 157.920 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(118, 188, 150) }
```

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

```
.border{ border-color:rgb(118, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(118, 188,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.892, 157.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 188, 150) }
```

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

```
.background{ background-color: rgb(118,  
188, 150) }
```

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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