

Converting Colors

CIELCh(71, 31.893, 133.746)

Have a look what the booklet for
CIELCh(71, 31.893, 133.746)
contains.

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Color

CIELCh(71, 31.924, 133.739)

Conversions

Conversions Part 1

Format	Color
Hex	94B883
RGB	148, 184, 131
RGB Percent	58%, 72%, 51%
CMY	0.4198, 0.2786, 0.4865
CMYK	0.20, 0.00, 0.29, 0.28
HSL	101°, 27%, 62%
HSV	101°, 29%, 72%
XYZ	33.4263, 42.1875, 27.8365
YIQ	167.1940, -4.4430, -24.1150

Conversions

Conversions Part 2

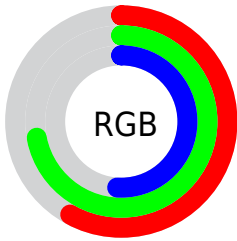
Format	Color
RYB	131, 184, 167
Decimal	9746563
CIELab	71.00, -22.07, 23.06
CIELCh	71, 31.924, 133.739
Yxy	42.1875, 0.3231, 0.4078
Android (android.graphics.Color)	4287936643 (0xFF94B883)
YUV	167.1940, -17.8436, -16.8331
Hunter-Lab	64.9519, -21.8040, 20.0564

Details

The CIELCh color **71, 31.924, 133.739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 32.673, 316.295**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 31.933, 133.415**, and **51, 32.161, 133.926** is the 20% darker color. If you saturate the color by 10%, you get **70, 42.841, 133.206**, and if you desaturate by 10%, it is **72, 20.845, 134.249**.

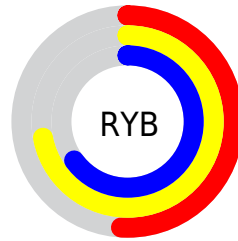
Distribution



Red (58%)

Green (72%)

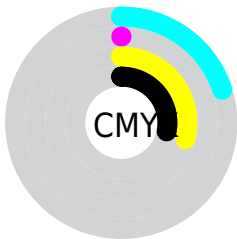
Blue (51%)



Red (51%)

Yellow (72%)

Blue (65%)

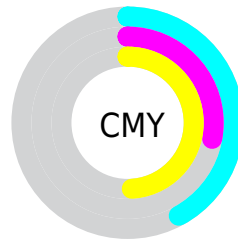


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (28%)



Cyan (42%)


Magenta (28%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 31.924, 133.739 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, 31.924, 133.739 by changing the saturation by 10% instead.


 71, 31.924,
133.739


 71, 31.924,
133.739


 100, 31.924,
133.739


 61, 31.924,
133.739


 91, 31.924,
133.739

 51, 31.924,
133.739

 41, 31.924,
133.739

 31, 31.924,
133.739

 21, 31.924,
133.739

 11, 31.924,
133.739

 1, 31.924, 133.739

■ 0, 31.924, 133.739

■ 71, 31.924,
133.739

■ 71, 31.924,
133.739

■ 70, 42.841,
133.206

■ 72, 20.845,
134.249

■ 69, 53.406,
132.674

■ 74, 9.733, 134.722

■ 68, 63.361,
132.194

■ 75, 1.316, 314.998

■ 76, 12.234,
315.478

■ 67, 72.355,
131.850

■ 78, 22.974,
315.808

■ 67, 79.943,
131.756

■ 80, 33.504,
316.093

■ 66, 85.667,
132.035

■ 81, 41.585,

■ 66, 89.445,
132.685

317.708

■ 66, 89.845,
132.753

■ 83, 43.363,
323.079

■ 83, 44.520,
325.966

Harmonies

Complementary

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



71, 31.924, 133.739



60, 32.673, 316.295

Rectangle

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



71, 31.924, 133.739



71, 31.924, 183.739



71, 31.924, 313.739



71, 31.924, 3.739

Sweetspot

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



71, 31.926, 133.740



93, 12.329, 134.706



69, 20.672, 87.459



49, 8.568, 134.640



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 31.926, 133.740



89, 47.988, 133.380



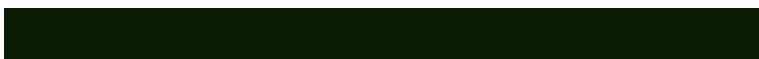
70, 31.424, 147.288



38, 6.250, 134.698



56, 79.211, 132.579



8, 17.579, 137.772

Inverse Universe

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



60, 32.673, 316.295



72, 49.381, 316.587



61, 31.518, 331.155



36, 6.303, 315.443



28, 83.036, 316.848



2, 16.578, 311.431

Previews

White Background



This preview shows how the CIELCh color 71, 31.924, 133.739 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 71, 31.924, 133.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

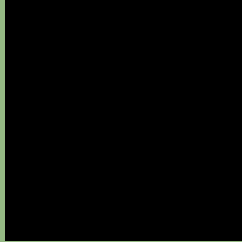
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 31.924, 133.739

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.924, 133.739.



This preview shows how white text looks on a background with the CIELCh color 71, 31.924, 133.739.

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, 31.924, 133.739

Protanopia

71, 26.005, 95.582

Deuteranopia

71, 23.061, 66.618



Tritanopia
71, 10.020, 249.023

Trichromacy



Original Color
71, 31.924, 133.739

Protanomaly
71, 26.474, 111.965

Deuteranomaly
71, 21.537, 97.061

Tritanomaly
71, 10.809, 168.196

Monochromacy



Original Color
71, 31.924, 133.739

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 11.567, 134.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.924, 133.739 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(148, 184, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 131)  
}
```

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(148, 184, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.924, 133.739 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(148, 184, 131) }
```

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

```
.border{ border-color:rgb(148, 184, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 184, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 184, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 184, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 184,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.924, 133.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 131) }
```

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

```
.background{ background-color: rgb(148,  
184, 131) }
```

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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