

Converting Colors

CIELCh(71, 32.930, 139.646)

Have a look what the booklet for
CIELCh(71, 32.930, 139.646)
contains.

CIELCh(71, 32.687, 139.641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 32.687, 139.641)

Conversions

Conversions Part 1

Format	Color
Hex	8CB986
RGB	140, 185, 134
RGB Percent	55%, 73%, 53%
CMY	0.4496, 0.2731, 0.4732
CMYK	0.24, 0.00, 0.28, 0.27
HSL	113°, 27%, 63%
HSV	113°, 28%, 73%
XYZ	32.6270, 42.1875, 29.1037
YIQ	165.7310, -10.4490, -25.4010

Conversions

Conversions Part 2

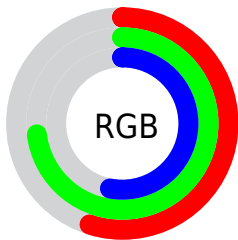
Format	Color
RYB	134, 185, 179
Decimal	9222534
CIELab	71.00, -24.91, 21.17
CIElCh	71, 32.687, 139.641
Yxy	42.1875, 0.3140, 0.4060
Android (android.graphics.Color)	4287412614 (0xFF8CB986)
YUV	165.7310, -15.6434, -22.5661
Hunter-Lab	64.9519, -24.0008, 18.8996

Details

The CIELCh color **71, 32.687, 139.641** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 32.911, 322.504**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 32.809, 139.639**, and **51, 32.792, 139.418** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.405, 138.913**, and if you desaturate by 10%, it is **72, 20.789, 140.290**.

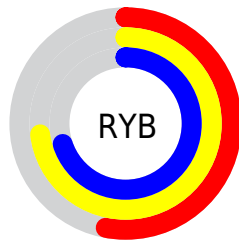
Distribution



Red (55%)

Green (73%)

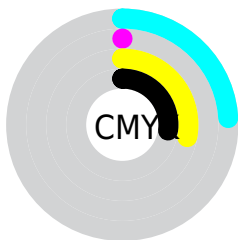
Blue (53%)



Red (53%)

Yellow (73%)

Blue (70%)

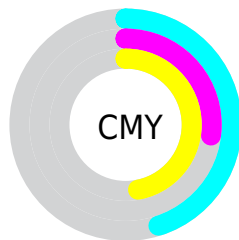


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.687, 139.641 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, 32.687, 139.641 by changing the saturation by 10% instead.


 71, 32.687,
139.641


 71, 32.687,
139.641


 100, 32.687,
139.641


 61, 32.687,
139.641


 91, 32.687,
139.641

 51, 32.687,
139.641

 41, 32.687,
139.641

 31, 32.687,
139.641

 21, 32.687,
139.641

 11, 32.687,
139.641

 1, 32.687, 139.641

■ 0, 32.687, 139.641

■ 71, 32.687,
139.641

■ 71, 32.687,
139.641

■ 70, 44.405,
138.913

■ 72, 20.789,
140.290

■ 69, 55.704,
138.118

■ 74, 8.880, 140.866

■ 68, 66.278,
137.291

■ 76, 2.910, 321.251

■ 78, 14.493,
321.724

■ 67, 75.731,
136.503

■ 80, 25.809,
322.082

■ 66, 83.588,
135.862

■ 82, 36.822,
322.383

■ 66, 89.361,
135.498

■ 84, 43.612,

■ 66, 92.836,
135.463

325.870

■ 66, 93.510,
135.435

■ 84, 43.640,
325.936

Harmonies

Complementary

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



71, 32.687, 139.641



62, 32.911, 322.504

Rectangle

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



71, 32.687, 139.641



71, 32.687, 189.641



71, 32.687, 319.641



71, 32.687, 9.641

Sweetspot

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



71, 32.689, 139.642



94, 11.739, 140.832



72, 23.965, 101.145



50, 8.419, 140.748



98, 0.011, 296.813



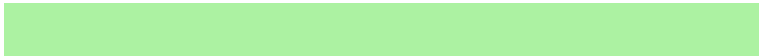
51, 0.007, 296.813

Same Dimension

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



71, 32.689, 139.642



89, 48.635, 139.211



71, 25.993, 154.845



38, 6.642, 140.766



56, 82.047, 135.347



8, 18.381, 142.106

Inverse Universe

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



62, 32.911, 322.504



76, 49.009, 322.779



62, 26.411, 339.233



36, 6.666, 321.633



33, 80.557, 323.748



3, 17.798, 319.747

Previews

White Background



This preview shows how the CIELCh color 71, 32.687, 139.641 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, 32.687, 139.641 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, 32.687, 139.641

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.687, 139.641.



This preview shows how white text looks on a background with the CIELCh color 71, 32.687, 139.641.

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, 32.687, 139.641

Protanopia
71, 24.434, 95.025

Deuteranopia
71, 21.504, 64.838



Tritanopia
71, 12.157, 237.965

Trichromacy



Original Color
71, 32.687, 139.641

Protanomaly
71, 25.031, 115.147

Deuteranomaly
70, 19.732, 99.900

Tritanomaly
71, 13.935, 175.171

Monochromacy



Original Color
71, 32.687, 139.641

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 12.125, 139.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.687, 139.641 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(140, 185, 134)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 134)  
}
```

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(140, 185, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.687, 139.641 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(140, 185, 134) }
```

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

```
.border{ border-color:rgb(140, 185, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.687, 139.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 134) }
```

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

```
.background{ background-color: rgb(140,  
185, 134) }
```

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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