

Converting Colors

CIELCh(70, 32.527, 141.530)

Have a look what the booklet for
CIELCh(70, 32.527, 141.530)
contains.

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Color

CIELCh(70, 32.711, 141.139)

Conversions

Conversions Part 1

Format	Color
Hex	88B785
RGB	136, 183, 133
RGB Percent	53%, 72%, 52%
CMY	0.4670, 0.2827, 0.4787
CMYK	0.26, 0.00, 0.27, 0.28
HSL	116°, 26%, 62%
HSV	116°, 27%, 72%
XYZ	31.2832, 40.7494, 28.3774
YIQ	163.2470, -11.9620, -25.5140

Conversions

Conversions Part 2

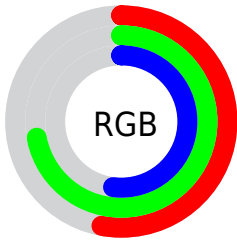
Format	Color
RYB	133, 183, 180
Decimal	8959877
CIELab	70.00, -25.47, 20.52
CIELCh	70, 32.711, 141.139
Yxy	40.7494, 0.3116, 0.4058
Android (android.graphics.Color)	4287149957 (0xFF88B785)
YUV	163.2470, -14.9118, -23.8956
Hunter-Lab	63.8353, -24.2358, 18.3279

Details

The CIELCh color **70, 32.711, 141.139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 32.820, 324.191**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 32.818, 141.089**, and **50, 32.832, 140.932** is the 20% darker color. If you saturate the color by 10%, you get **69, 44.504, 140.335**, and if you desaturate by 10%, it is **71, 20.721, 141.846**.

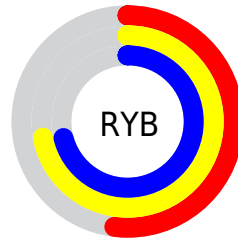
Distribution



Red (53%)

Green (72%)

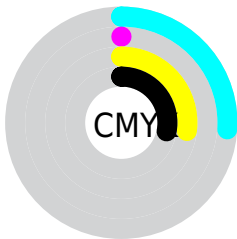
Blue (52%)



Red (52%)

Yellow (72%)

Blue (71%)

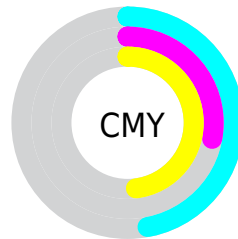


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.711, 141.139 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 70, 32.711, 141.139 by changing the saturation by 10% instead.


 70, 32.711,
141.139


 70, 32.711,
141.139


 100, 32.711,
141.139


 60, 32.711,
141.139


 90, 32.711,
141.139

 50, 32.711,
141.139

 40, 32.711,
141.139

 30, 32.711,
141.139

 20, 32.711,
141.139

 10, 32.711,
141.139

 0, 32.711, 141.139

70, 32.711,
141.139

70, 32.711,
141.139

69, 44.504,
140.335

71, 20.721,
141.846

68, 55.842,
139.441

73, 8.718, 142.466

67, 66.404,
138.487

75, 3.156, 322.885

77, 14.806,
323.381

66, 75.784,
137.540

79, 26.168,
323.760

65, 83.508,
136.708

81, 37.203,
324.079

65, 89.097,
136.124

83, 45.162,
325.988

65, 92.349,
135.857

65, 93.006,

135.764

Harmonies

Complementary

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



70, 32.711, 141.139



62, 32.820, 324.191

Rectangle

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



70, 32.711, 141.139



70, 32.711, 191.139



70, 32.711, 321.139



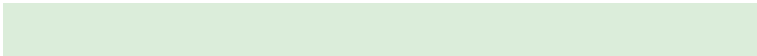
70, 32.711, 11.139

Sweetspot

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



70, 32.713, 141.139



92, 11.753, 142.419



72, 25.113, 104.583



49, 8.429, 142.329



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 32.713, 141.139



87, 48.686, 140.651



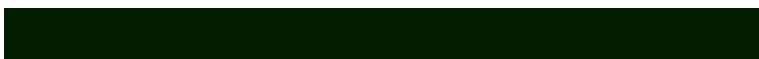
70, 24.245, 157.868



38, 6.766, 142.347



56, 82.453, 135.710



8, 18.628, 143.269

Inverse Universe

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



62, 32.820, 324.191



75, 48.845, 324.491



61, 24.824, 342.509



36, 6.783, 323.277



35, 80.151, 325.917



3, 18.269, 322.198

Previews

White Background



This preview shows how the CIELCh color 70, 32.711, 141.139 looks on a white background.

Color Contrast Check

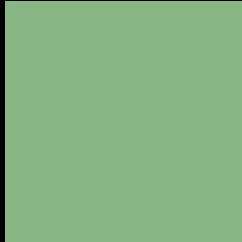
Large Text (above 18pt) WCAG AA × Fail

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 70, 32.711, 141.139 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 70, 32.711, 141.139

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.711, 141.139.



This preview shows how white text looks on a background with the CIELCh color 70, 32.711, 141.139.

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](#).

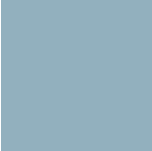
Dichromacy



Original Color
70, 32.711, 141.139

Protanopia
70, 23.986, 94.761

Deuteranopia
70, 20.545, 65.495



Tritanopia
70, 12.688, 236.098

Trichromacy



Original Color
70, 32.711, 141.139

Protanomaly
70, 25.142, 116.036

Deuteranomaly
69, 19.096, 103.350

Tritanomaly
70, 14.595, 176.140

Monochromacy



Original Color
70, 32.711, 141.139

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 11.903, 142.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.711, 141.139 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(136, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(136, 183, 133)  
}
```

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(136, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 183, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.711, 141.139 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(136, 183, 133) }
```

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

```
.border{ border-color:rgb(136, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(136, 183,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.711, 141.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 183, 133) }
```

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

```
.background{ background-color: rgb(136,  
183, 133) }
```

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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