

Converting Colors

CIELCh(69, 32.611, 142.844)

Have a look what the booklet for
CIELCh(69, 32.611, 142.844)
contains.

CIELCh(69, 32.336, 143.146)	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(69, 32.336, 143.146)

Conversions

Conversions Part 1

Format	Color
Hex	83B484
RGB	131, 180, 132
RGB Percent	51%, 71%, 52%
CMY	0.4847, 0.2925, 0.4808
CMYK	0.27, 0.00, 0.27, 0.29
HSL	121°, 25%, 61%
HSV	121°, 27%, 71%
XYZ	30.0192, 39.3444, 27.9830
YIQ	159.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

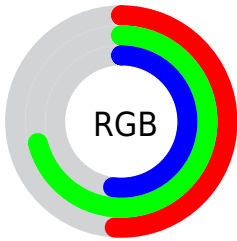
Format	Color
RYB	131, 179, 180
Decimal	8631428
CIELab	69.00, -25.87, 19.39
CIElCh	69, 32.336, 143.146
Yxy	39.3444, 0.3084, 0.4042
Android (android.graphics.Color)	4286821508 (0xFF83B484)
YUV	159.8770, -13.7434, -25.3251
Hunter-Lab	62.7251, -24.3417, 17.4571

Details

The CIELCh color **69, 32.336, 143.146** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 32.346, 326.457**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 32.440, 143.029**, and **49, 32.455, 142.964** is the 20% darker color. If you saturate the color by 10%, you get **68, 44.045, 142.248**, and if you desaturate by 10%, it is **70, 20.413, 143.924**.

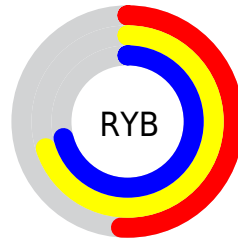
Distribution



Red (51%)

Green (71%)

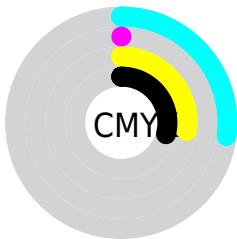
Blue (52%)



Red (51%)

Yellow (70%)

Blue (71%)

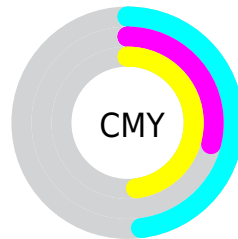


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (29%)



Cyan (48%)


Magenta (29%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.336, 143.146 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 69, 32.336, 143.146 by changing the saturation by 10% instead.


 69, 32.336,
143.146


 69, 32.336,
143.146


 100, 32.336,
143.146


 59, 32.336,
143.146


 89, 32.336,
143.146

 49, 32.336,
143.146

 99, 32.336,
143.146

 39, 32.336,
143.146

 29, 32.336,
143.146

 19, 32.336,
143.146

 9, 32.336, 143.146

 0, 32.336, 143.146

69, 32.336,
143.146

69, 32.336,
143.146

68, 44.045,
142.248

70, 20.413,
143.924

67, 55.275,
141.230

72, 8.475, 144.601

66, 65.703,
140.110

74, 3.330, 325.060

65, 74.940,
138.944

76, 14.897,
325.592

65, 82.547,
137.828

78, 26.160,
326.003

64, 88.093,
136.897

80, 37.078,
326.349

64, 91.333,
136.294

83, 46.708,
326.040

64, 92.000,

Harmonies

Complementary

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



69, 32.336, 143.146



61, 32.346, 326.457

Rectangle

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



69, 32.336, 143.146



69, 32.336, 193.146



69, 32.336, 323.146



69, 32.336, 13.146

Sweetspot

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



69, 32.337, 143.146



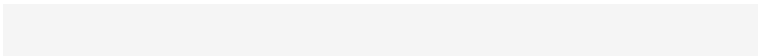
91, 11.717, 144.538



72, 26.308, 108.307



48, 8.329, 144.441



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 32.337, 143.146



86, 48.521, 142.587



70, 22.336, 162.086



37, 6.648, 144.462



55, 81.393, 136.223



6, 16.088, 144.861

Inverse Universe

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



61, 32.346, 326.457



75, 48.493, 326.797



60, 23.158, 347.055



35, 6.659, 325.470



36, 77.704, 329.040



3, 15.922, 325.277

Previews

White Background



This preview shows how the CIELCh color 69, 32.336, 143.146 looks on a white background.

Color Contrast Check

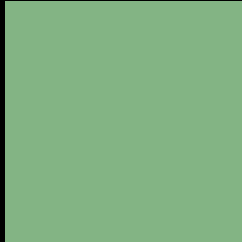
Large Text (above 18pt) WCAG AA × Fail

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 69, 32.336, 143.146 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 69, 32.336, 143.146

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.336, 143.146.



This preview shows how white text looks on a background with the CIELCh color 69, 32.336, 143.146.

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
69, 32.336, 143.146

Protanopia
69, 22.886, 95.292

Deuteranopia
69, 19.803, 63.491



Tritanopia
69, 13.236, 234.406

Trichromacy



Original Color
69, 32.336, 143.146

Protanomaly
69, 24.284, 118.333

Deuteranomaly
68, 18.077, 103.152

Tritanomaly
69, 14.716, 178.509

Monochromacy



Original Color
69, 32.336, 143.146

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 11.482, 143.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.336, 143.146 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(131, 180, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 132)  
}
```

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(131, 180, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.336, 143.146 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(131, 180, 132) }
```

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

```
.border{ border-color:rgb(131, 180, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 132);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.336, 143.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 132) }
```

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

```
.background{ background-color: rgb(131,  
180, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor