

Converting Colors

CIELCh(69, 36.179, 142.374)

Have a look what the booklet for
CIELCh(69, 36.179, 142.374)
contains.

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Color

CIELCh(69, 36.697, 142.353)

Conversions

Conversions Part 1

Format	Color
Hex	7FB67F
RGB	127, 182, 127
RGB Percent	50%, 71%, 50%
CMY	0.5031, 0.2875, 0.5031
CMYK	0.30, 0.00, 0.30, 0.29
HSL	120°, 27%, 60%
HSV	120°, 30%, 71%
XYZ	29.1855, 39.3444, 26.0362
YIQ	159.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

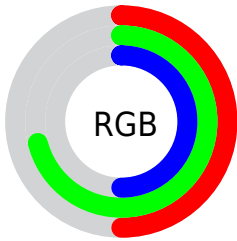
Format	Color
RYB	127, 182, 182
Decimal	8369791
CIELab	69.00, -29.06, 22.41
CIELCh	69, 36.697, 142.353
Yxy	39.3444, 0.3086, 0.4161
Android (android.graphics.Color)	4286559871 (0xFF7FB67F)
YUV	159.2850, -15.9165, -28.3139
Hunter-Lab	62.7251, -26.7144, 19.2972

Details

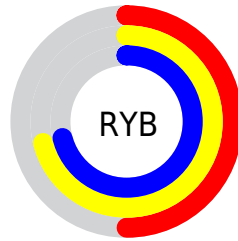
The CIELCh color $69, 36.697, 142.353$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 36.692, 326.066$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 36.632, 142.390$, and $49, 36.963, 141.942$ is the 20% darker color. If you saturate the color by 10%, you get $68, 48.502, 141.424$, and if you desaturate by 10%, it is $70, 24.589, 143.163$.

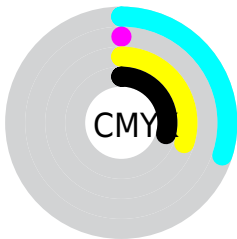
Distribution



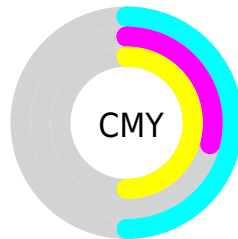
- Red (50%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (50%)
- Magenta (29%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.697, 142.353 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, 36.697, 142.353 by changing the saturation by 10% instead.


 69, 36.697,
142.353


 69, 36.697,
142.353


 100, 36.697,
142.353


 59, 36.697,
142.353


 89, 36.697,
142.353

 49, 36.697,
142.353

 99, 36.697,
142.353

 39, 36.697,
142.353

 29, 36.697,
142.353

 19, 36.697,
142.353

 9, 36.697, 142.353

 0, 36.697, 142.353

69, 36.697,
142.353

69, 36.697,
142.353

68, 48.502,
141.424

70, 24.589,
143.163

67, 59.704,
140.383

72, 12.403,
143.864

66, 69.938,
139.268

74, 0.311, 145.204

65, 78.764,
138.153

76, 11.566,
324.907

65, 85.702,
137.161

78, 23.149,
325.338

65, 90.331,
136.436

80, 34.389,
325.697

64, 92.863,
136.017

83, 45.262,
326.001

83, 45.917,
326.014

Harmonies

Complementary

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



69, 36.697, 142.353



60, 36.692, 326.066

Rectangle

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



69, 36.697, 142.353



69, 36.697, 192.353



69, 36.697, 322.353



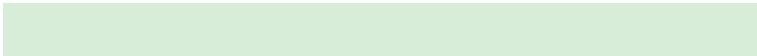
69, 36.697, 12.353

Sweetspot

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



69, 36.698, 142.353



92, 13.491, 143.936



73, 29.411, 107.285



49, 9.460, 143.841



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 36.698, 142.353



87, 54.016, 141.777



70, 25.293, 160.871



38, 6.899, 143.924



56, 82.798, 136.018



8, 18.890, 144.446

Inverse Universe

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



60, 36.692, 326.066



74, 53.952, 326.390



59, 26.244, 346.437



36, 6.909, 324.931



37, 79.880, 328.239



3, 18.820, 324.749

Previews

White Background



This preview shows how the CIELCh color 69, 36.697, 142.353 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 69, 36.697, 142.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

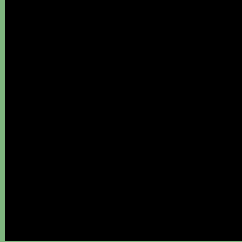
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.697, 142.353

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.697, 142.353.



This preview shows how white text looks on a background with the CIELCh color 69, 36.697, 142.353.

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, 36.697, 142.353

Protanopia
69, 26.140, 95.481

Deuteranopia
69, 22.203, 67.269



Tritanopia
69, 14.284, 231.334

Trichromacy



Original Color
69, 36.697, 142.353

Protanomaly
69, 27.505, 117.705

Deuteranomaly
68, 21.781, 105.767

Tritanomaly
69, 16.751, 176.823

Monochromacy



Original Color
69, 36.697, 142.353

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.523, 143.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.697, 142.353 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(127, 182, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 182, 127)  
}
```

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(127, 182, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 182, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.697, 142.353 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(127, 182, 127) }
```

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

```
.border{ border-color:rgb(127, 182, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 182, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 182,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.697, 142.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 182, 127) }
```

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

```
.background{ background-color: rgb(127,  
182, 127) }
```

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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