

Converting Colors

CIELCh(69, 34.678, 142.498)

Have a look what the booklet for
CIELCh(69, 34.678, 142.498)
contains.

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Color

CIELCh(69, 34.746, 142.482)

Conversions

Conversions Part 1

Format	Color
Hex	81B581
RGB	129, 181, 129
RGB Percent	51%, 71%, 51%
CMY	0.4938, 0.2898, 0.4938
CMYK	0.29, 0.00, 0.29, 0.29
HSL	120°, 26%, 61%
HSV	120°, 29%, 71%
XYZ	29.5758, 39.3444, 26.8330
YIQ	159.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

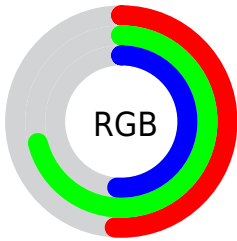
Format	Color
RYB	129, 181, 181
Decimal	8500609
CIELab	69.00, -27.56, 21.16
CIElCh	69, 34.746, 142.482
Yxy	39.3444, 0.3089, 0.4109
Android (android.graphics.Color)	4286690689 (0xFF81B581)
YUV	159.5240, -15.0483, -26.7695
Hunter-Lab	62.7251, -25.6037, 18.5440

Details

The CIELCh color $69, 34.746, 142.482$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 34.748, 325.979$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 34.754, 142.459$, and $49, 34.955, 142.167$ is the 20% darker color. If you saturate the color by 10%, you get $68, 46.585, 141.572$, and if you desaturate by 10%, it is $70, 22.644, 143.274$.

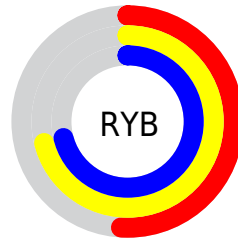
Distribution



Red (51%)

Green (71%)

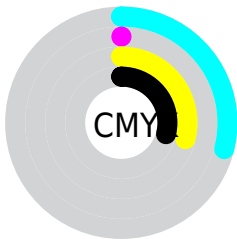
Blue (51%)



Red (51%)

Yellow (71%)

Blue (71%)

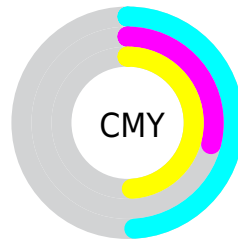


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.746, 142.482 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, 34.746, 142.482 by changing the saturation by 10% instead.

 69, 34.746,
142.482

 69, 34.746,
142.482

 100, 34.746,
142.482

 59, 34.746,
142.482

 89, 34.746,
142.482

 49, 34.746,
142.482

 99, 34.746,
142.482

 39, 34.746,
142.482

 29, 34.746,
142.482

 19, 34.746,
142.482

 9, 34.746, 142.482

 0, 34.746, 142.482

69, 34.746,
142.482

69, 34.746,
142.482

68, 46.585,
141.572

70, 22.644,
143.274

67, 57.874,
140.547

72, 10.495,
143.960

66, 68.258,
139.440

74, 1.539, 324.353

65, 77.311,
138.319

76, 13.344,
324.975

65, 84.555,
137.299

78, 24.846,
325.392

64, 89.550,
136.525

80, 36.002,
325.742

64, 92.326,
136.068

83, 46.292,
326.026

64, 92.636,

Harmonies

Complementary

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



69, 34.746, 142.482



61, 34.748, 325.979

Rectangle

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



69, 34.746, 142.482



69, 34.746, 192.482



69, 34.746, 322.482



69, 34.746, 12.482

Sweetspot

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



69, 34.747, 142.482



91, 13.375, 143.932



72, 27.429, 106.722



48, 9.295, 143.838



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, 34.747, 142.482



86, 50.645, 141.964



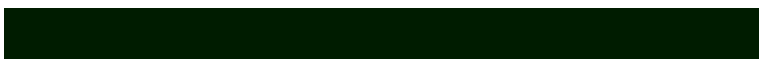
70, 24.279, 160.179



38, 6.899, 143.919



56, 82.801, 136.016



8, 18.892, 144.443

Inverse Universe

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



61, 34.748, 325.979



74, 50.604, 326.282



60, 25.075, 345.331



36, 6.910, 324.926



37, 79.890, 328.232



3, 18.823, 324.742

Previews

White Background



This preview shows how the CIELCh color 69, 34.746, 142.482 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, 34.746, 142.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

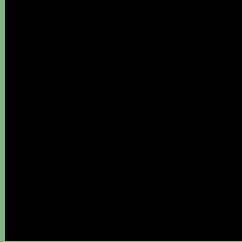
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 34.746, 142.482

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.746, 142.482.



This preview shows how white text looks on a background with the CIELCh color 69, 34.746, 142.482.

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](#).

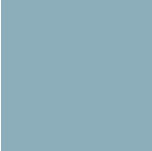
Dichromacy



Original Color
69, 34.746, 142.482

Protanopia
69, 24.997, 96.064

Deuteranopia
69, 21.350, 65.548



Tritanopia
69, 13.501, 230.709

Trichromacy



Original Color
69, 34.746, 142.482

Protanomaly
69, 26.461, 118.189

Deuteranomaly
68, 19.696, 103.381

Tritanomaly
69, 16.127, 176.029

Monochromacy



Original Color
69, 34.746, 142.482

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 12.828, 143.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.746, 142.482 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(129, 181, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 129)  
}
```

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(129, 181, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.746, 142.482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

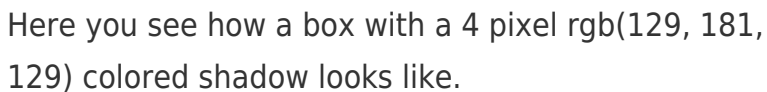
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 181, 129) }
```

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

```
.border{ border-color:rgb(129, 181, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 181, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 181, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 181, 129); box-shadow:4px 4px 4px 4px rgb(129, 181, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.746, 142.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 129) }
```

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

```
.background{ background-color: rgb(129,  
181, 129) }
```

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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