

Converting Colors

CIELCh(69, 43.004, 142.893)

Have a look what the booklet for
CIELCh(69, 43.004, 142.893)
contains.

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Color

CIELCh(69, 43.148, 142.972)

Conversions

Conversions Part 1

Format	Color
Hex	75B878
RGB	117, 184, 120
RGB Percent	46%, 72%, 47%
CMY	0.5417, 0.2790, 0.5299
CMYK	0.36, 0.00, 0.35, 0.28
HSL	123°, 32%, 59%
HSV	123°, 36%, 72%
XYZ	27.8085, 39.3444, 23.8541
YIQ	156.6710, -19.3880, -34.1080

Conversions

Conversions Part 2

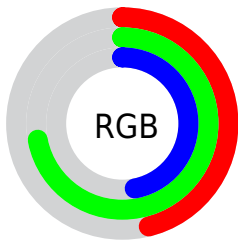
Format	Color
RYB	117, 181, 184
Decimal	7714936
CIELab	69.00, -34.45, 25.98
CIELCh	69, 43.148, 142.972
Yxy	39.3444, 0.3056, 0.4323
Android (android.graphics.Color)	4285905016 (0xFF75B878)
YUV	156.6710, -18.0788, -34.7915
Hunter-Lab	62.7251, -30.6329, 21.3598

Details

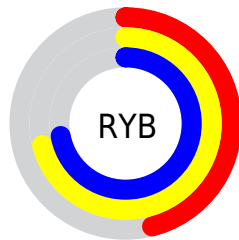
The CIELCh color **69, 43.148, 142.972** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 43.106, 327.666**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 42.877, 143.201**, and **49, 42.629, 143.010** is the 20% darker color. If you saturate the color by 10%, you get **68, 54.427, 141.947**, and if you desaturate by 10%, it is **70, 31.428, 143.870**.

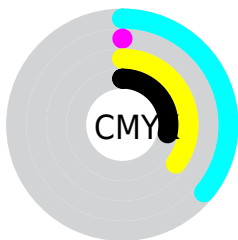
Distribution



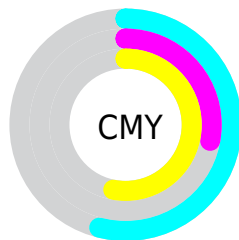
- Red (46%)
- Green (72%)
- Blue (47%)



- Red (46%)
- Yellow (71%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)





- Cyan (54%)
- Magenta (28%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 43.148, 142.972 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, 43.148, 142.972 by changing the saturation by 10% instead.


 69, 43.148,
142.972


 69, 43.148,
142.972


 100, 43.148,
142.972


 59, 43.148,
142.972


 89, 43.148,
142.972

 49, 43.148,
142.972

 99, 43.148,
142.972

 39, 43.148,
142.972

 29, 43.148,
142.972

 19, 43.148,
142.972

 9, 43.148, 142.972

 0, 43.148, 142.972

■ 69, 43.148,
142.972

■ 69, 43.148,
142.972

■ 68, 54.427,
141.947

■ 70, 31.428,
143.870

■ 67, 64.956,
140.808

■ 72, 19.514,
144.647

■ 66, 74.374,
139.595

■ 74, 7.598, 145.326

■ 66, 82.273,
138.393

■ 75, 4.175, 325.792

■ 65, 88.243,
137.323

■ 77, 15.705,
326.313

■ 65, 91.993,
136.531

■ 80, 26.929,
326.725

■ 65, 92.856,
136.381

■ 82, 37.807,
327.075

■ 83, 44.579,
325.968

Harmonies

Complementary

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



69, 43.148, 142.972



58, 43.106, 327.666

Rectangle

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



69, 43.148, 142.972



69, 43.148, 192.972



69, 43.148, 322.972



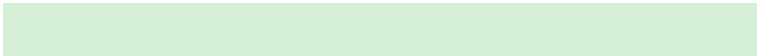
69, 43.148, 12.972

Sweetspot

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



69, 43.149, 142.972



92, 16.154, 145.012



73, 35.586, 108.201



49, 10.856, 144.922



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, 43.149, 142.972



87, 64.114, 142.130



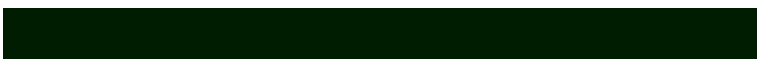
70, 29.750, 161.944



38, 6.691, 145.136



56, 81.906, 136.462



8, 18.474, 145.330

Inverse Universe

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



58, 43.106, 327.666



71, 63.886, 328.099



57, 31.332, 349.130



36, 6.702, 326.158



36, 77.164, 330.075



3, 17.986, 326.483

Previews

White Background



This preview shows how the CIELCh color 69, 43.148, 142.972 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, 43.148, 142.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

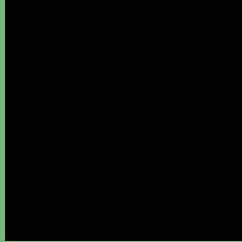
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 43.148, 142.972

Background



This preview shows how black text looks on a background with the CIELCh color 69, 43.148, 142.972.



This preview shows how white text looks on a background with the CIELCh color 69, 43.148, 142.972.

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](#).

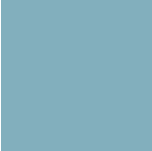
Dichromacy



Original Color
69, 43.148, 142.972

Protanopia
69, 30.416, 95.794

Deuteranopia
69, 25.413, 70.141



Tritanopia
69, 16.685, 225.986

Trichromacy



Original Color
69, 43.148, 142.972



Protanomaly
69, 32.470, 118.683



Deuteranomaly
68, 24.992, 108.536

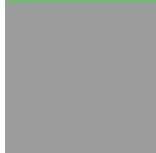


Tritanomaly
69, 20.531, 175.631

Monochromacy



Original Color
69, 43.148, 142.972



Achromatopsia
65, 0.008, 296.813



Achromatomaly
66, 16.473, 144.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 43.148, 142.972 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(117, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(117, 184, 120)  
}
```

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(117, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 184, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 43.148, 142.972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

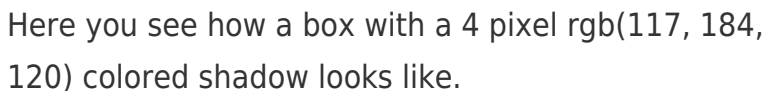
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 184, 120) }
```

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

```
.border{ border-color:rgb(117, 184, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 184, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 184, 120); box-shadow:4px 4px 4px 4px rgb(117, 184, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 43.148, 142.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 184, 120) }
```

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

```
.background{ background-color: rgb(117,  
184, 120) }
```

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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