

Converting Colors

CIELCh(69, 41.165, 139.127)

Have a look what the booklet for
CIELCh(69, 41.165, 139.127)
contains.

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Color

CIELCh(69, 40.957, 138.910)

Conversions

Conversions Part 1

Format	Color
Hex	7EB676
RGB	126, 182, 118
RGB Percent	49%, 71%, 46%
CMY	0.5048, 0.2851, 0.5362
CMYK	0.31, 0.00, 0.35, 0.29
HSL	112°, 31%, 59%
HSV	112°, 35%, 71%
XYZ	28.7176, 39.3444, 23.3036
YIQ	157.9600, -12.8320, -31.7760

Conversions

Conversions Part 2

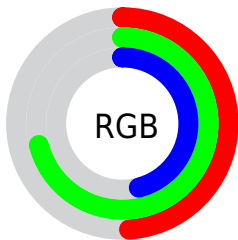
Format	Color
RYB	118, 182, 174
Decimal	8304246
CIELab	69.00, -30.87, 26.92
CIELCh	69, 40.957, 138.910
Yxy	39.3444, 0.3143, 0.4306
Android (android.graphics.Color)	4286494326 (0xFF7EB676)
YUV	157.9600, -19.7003, -28.0289
Hunter-Lab	62.7251, -28.0458, 21.8802

Details

The CIELCh color **69, 40.957, 138.910** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 41.306, 322.625**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 40.738, 139.129**, and **49, 41.086, 139.114** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.209, 138.142**, and if you desaturate by 10%, it is **70, 29.363, 139.611**.

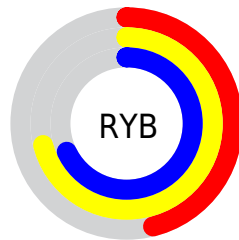
Distribution



Red (49%)

Green (71%)

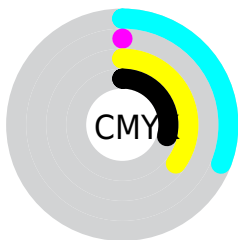
Blue (46%)



Red (46%)

Yellow (71%)

Blue (68%)

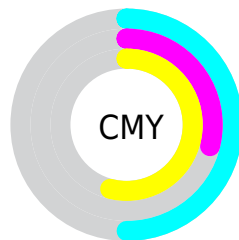


Cyan (31%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (50%)


Magenta (29%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.957, 138.910 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, 40.957, 138.910 by changing the saturation by 10% instead.


 69, 40.957,
138.910


 69, 40.957,
138.910


 100, 40.957,
138.910


 59, 40.957,
138.910


 89, 40.957,
138.910

 49, 40.957,
138.910

 99, 40.957,
138.910

 39, 40.957,
138.910

 29, 40.957,
138.910

 19, 40.957,
138.910

 9, 40.957, 138.910

 0, 40.957, 138.910

■ 69, 40.957,
138.910

■ 69, 40.957,
138.910

■ 68, 52.209,
138.142

■ 70, 29.363,
139.611

■ 67, 62.835,
137.334

■ 72, 17.636,
140.233

■ 66, 72.470,
136.547

■ 73, 5.935, 140.793

■ 66, 80.666,
135.880

■ 75, 5.627, 321.181

■ 65, 86.931,
135.460

■ 77, 16.971,
321.601

■ 65, 90.904,
135.393

■ 79, 28.044,
321.941

■ 65, 92.276,
135.372

■ 81, 38.818,
322.229

■ 83, 45.360,
325.558

■ 83, 45.550,
326.001

Harmonies

Complementary

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



69, 40.957, 138.910



58, 41.306, 322.625

Rectangle

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



69, 40.957, 138.910



69, 40.957, 188.910



69, 40.957, 318.910



69, 40.957, 8.910

Sweetspot

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



69, 40.958, 138.911



92, 15.858, 140.458



71, 30.109, 100.303



49, 10.750, 140.382



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, 40.958, 138.911



86, 60.333, 138.332



69, 32.586, 154.060



38, 6.626, 140.560



56, 81.983, 135.288



8, 18.351, 141.955

Inverse Universe

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



58, 41.306, 322.625



70, 60.877, 322.944



58, 33.205, 339.912



36, 6.652, 321.419



33, 80.620, 323.476



3, 17.742, 319.435

Previews

White Background



This preview shows how the CIE LCh color 69, 40.957, 138.910 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, 40.957, 138.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

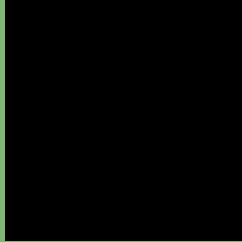
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.957, 138.910

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.957, 138.910.

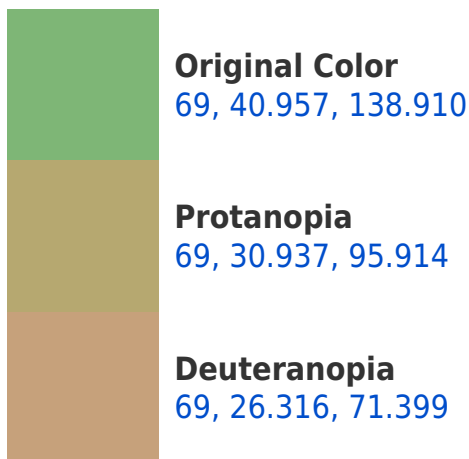


This preview shows how white text looks on a background with the CIELCh color 69, 40.957, 138.910.

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





Tritanopia
69, 14.019, 232.051

Trichromacy



Original Color
69, 40.957, 138.910

Protanomaly
69, 32.114, 115.115

Deuteranomaly
68, 26.081, 104.732

Tritanomaly
69, 17.541, 171.908

Monochromacy



Original Color
69, 40.957, 138.910

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 15.131, 141.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.957, 138.910 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(126, 182, 118)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 118)  
}
```

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(126, 182, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.957, 138.910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

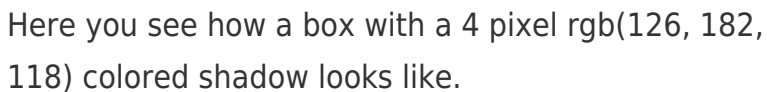
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 182, 118) }
```

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

```
.border{ border-color:rgb(126, 182, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 182, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 182, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 182, 118); box-shadow:4px 4px 4px 4px rgb(126, 182, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.957, 138.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 118) }
```

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

```
.background{ background-color: rgb(126,  
182, 118) }
```

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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