

Converting Colors

CIELCh(69, 53.355, 139.409)

Have a look what the booklet for
CIELCh(69, 53.355, 139.409)
contains.

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Color

CIELCh(69, 53.355, 139.409)

Conversions

Conversions Part 1

Format	Color
Hex	6DBA67
RGB	109, 186, 103
RGB Percent	43%, 73%, 40%
CMY	0.5726, 0.2706, 0.5961
CMYK	0.41, 0.00, 0.45, 0.27
HSL	116°, 38%, 57%
HSV	116°, 45%, 73%
XYZ	26.3108, 39.3444, 19.0377
YIQ	153.5150, -19.2490, -42.1370

Conversions

Conversions Part 2

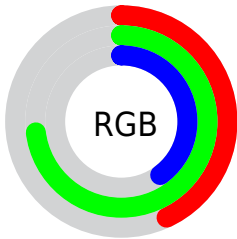
Format	Color
RYB	103, 186, 180
Decimal	7191143
CIELab	69.00, -40.52, 34.72
CIElCh	69, 53.355, 139.409
Yxy	39.3444, 0.3107, 0.4646
Android (android.graphics.Color)	4285381223 (0xFF6DBA67)
YUV	153.5150, -24.9039, -39.0397
Hunter-Lab	62.7251, -34.8951, 25.9124

Details

The CIELCh color **69, 53.355, 139.409** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 53.531, 324.623**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 53.678, 139.351**, and **49, 53.220, 139.572** is the 20% darker color. If you saturate the color by 10%, you get **68, 64.288, 138.493**, and if you desaturate by 10%, it is **70, 41.746, 140.262**.

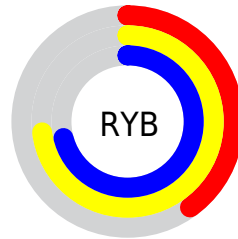
Distribution



Red (43%)

Green (73%)

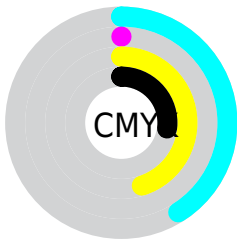
Blue (40%)



Red (40%)

Yellow (73%)

Blue (71%)

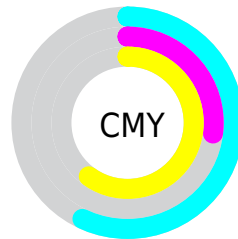


Cyan (41%)

Magenta (0%)

Yellow (45%)

Black (27%)



Cyan (57%)


Magenta (27%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.355, 139.409 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, 53.355, 139.409 by changing the saturation by 10% instead.

 69, 53.355,
139.409

 69, 53.355,
139.409

 100, 53.355,
139.409

 59, 53.355,
139.409

 89, 53.355,
139.409

 49, 53.355,
139.409

 99, 53.355,
139.409

 39, 53.355,
139.409

 29, 53.355,
139.409

 19, 53.355,
139.409

 9, 53.355, 139.409

 0, 53.355, 139.409

■ 69, 53.355,
139.409

■ 69, 53.355,
139.409

■ 68, 64.288,
138.493

■ 70, 41.746,
140.262

■ 67, 74.156,
137.567

■ 71, 29.760,
141.025

■ 67, 82.495,
136.731

■ 73, 17.633,
141.694

■ 66, 88.805,
136.114

■ 75, 5.538, 142.294

■ 66, 92.719,
135.832

■ 77, 6.399, 322.705

■ 66, 94.099,
135.712

■ 79, 18.092,
323.143

■ 81, 29.485,
323.499

■ 83, 40.546,
323.800

■ 84, 43.250,
325.923

Harmonies

Complementary

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



69, 53.355, 139.409



55, 53.531, 324.623

Rectangle

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



69, 53.355, 139.409



69, 53.355, 189.409



69, 53.355, 319.409



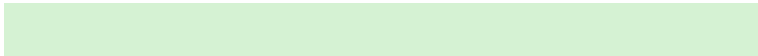
69, 53.355, 9.409

Sweetspot

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



69, 53.356, 139.409



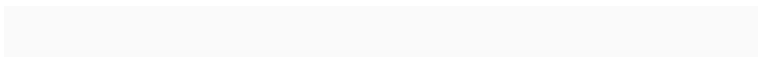
93, 19.414, 141.782



72, 40.452, 101.964



49, 13.710, 141.643



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 53.356, 139.409



86, 78.728, 138.467



69, 40.038, 155.128



38, 6.739, 142.015



56, 82.381, 135.646



8, 18.575, 143.024

Inverse Universe

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



55, 53.531, 324.623



66, 78.768, 325.015



54, 41.240, 343.447



36, 6.758, 322.931



35, 80.225, 325.449



3, 18.164, 321.675

Previews

White Background



This preview shows how the CIELCh color 69, 53.355, 139.409 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, 53.355, 139.409 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, 53.355, 139.409

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.355, 139.409.



This preview shows how white text looks on a background with the CIELCh color 69, 53.355, 139.409.

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, 53.355, 139.409

Protanopia
69, 39.304, 95.940

Deuteranopia
69, 33.421, 75.058



Tritanopia
69, 18.010, 223.687

Trichromacy



Original Color
69, 53.355, 139.409



Protanomaly
69, 41.181, 116.684



Deuteranomaly
68, 33.438, 107.426



Tritanomaly
69, 24.823, 168.216

Monochromacy



Original Color
69, 53.355, 139.409



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 20.390, 140.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.355, 139.409 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(109, 186, 103)` looks like.

```
.text, #text, p{  
    color:rgb(109, 186, 103)  
}
```

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(109, 186, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 186, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.355, 139.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

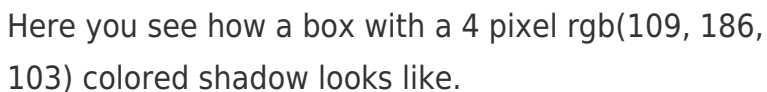
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 186, 103) }
```

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

```
.border{ border-color:rgb(109, 186, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 186, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 186, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 186, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 186,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.355, 139.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 186, 103) }
```

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

```
.background{ background-color: rgb(109,  
186, 103) }
```

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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