

Converting Colors

CIELCh(52, 71.386, 139.644)

Have a look what the booklet for
CIELCh(52, 71.386, 139.644)
contains.

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Color

CIELCh(52, 71.369, 139.607)

Conversions

Conversions Part 1

Format	Color
Hex	059022
RGB	5, 144, 34
RGB Percent	2%, 56%, 13%
CMY	0.9820, 0.4346, 0.8660
CMYK	0.97, 0.00, 0.76, 0.43
HSL	133°, 94%, 29%
HSV	133°, 97%, 57%
XYZ	10.3477, 20.1443, 4.8697
YIQ	89.8990, -47.5340, -63.6780

Conversions

Conversions Part 2

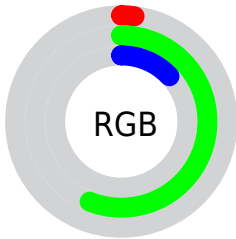
Format	Color
RYB	5, 120, 144
Decimal	364578
CIELab	52.00, -54.36, 46.25
CIELCh	52, 71.369, 139.607
Yxy	20.1443, 0.2926, 0.5697
Android (android.graphics.Color)	4278554658 (0xFF059022)
YUV	89.8990, -27.5582, -74.4564
Hunter-Lab	44.8824, -37.3907, 24.9848

Details

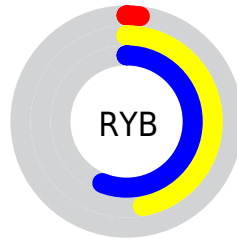
The CIELCh color **52, 71.369, 139.607** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 63.916, 338.310**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **72, 71.405, 139.460**, and **33, 56.868, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 72.601, 139.179**, and if you desaturate by 10%, it is **52, 66.953, 141.213**.

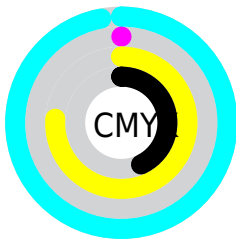
Distribution



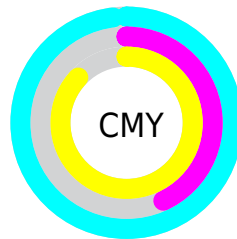
- Red (2%)
- Green (56%)
- Blue (13%)



- Red (2%)
- Yellow (47%)
- Blue (56%)



- Cyan (97%)
- Magenta (0%)
- Yellow (76%)
- Black (43%)





- Cyan (98%)
- Magenta (43%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 71.369, 139.607 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 52, 71.369, 139.607 by changing the saturation by 10% instead.


 52, 71.369,
139.607


 52, 71.369,
139.607


 100, 71.369,
139.607


 42, 71.369,
139.607


 72, 71.369,
139.607

 32, 71.369,
139.607

 82, 71.369,
139.607

 22, 71.369,
139.607

 92, 71.369,
139.607

 12, 71.369,
139.607

 2, 71.369, 139.607

 0, 71.369, 139.607

■ 52, 71.369,
139.607

■ 52, 71.369,
139.607

■ 52, 72.601,
139.179

■ 52, 66.953,
141.213

■ 53, 61.487,
142.840

■ 53, 55.067,
144.371

■ 54, 47.852,
145.764

■ 54, 40.020,
147.000

■ 55, 31.749,
148.082

■ 56, 23.207,
149.023

■ 58, 14.539,

149.841

■ 59, 5.866, 150.569

Harmonies

Complementary

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



52, 71.369, 139.607



32, 63.916, 338.310

Rectangle

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



52, 71.369, 139.607



52, 71.369, 189.607



52, 71.369, 319.607



52, 71.369, 9.607

Sweetspot

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



52, 71.369, 139.608



72, 31.233, 148.773



56, 64.162, 114.344



37, 21.336, 148.416



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 71.369, 139.608



67, 89.330, 138.800



53, 45.089, 162.931



30, 4.823, 150.402



49, 69.092, 139.288



2, 3.247, 150.957

Inverse Universe

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



32, 63.916, 338.310



43, 78.197, 338.920



30, 55.893, 18.381



28, 4.839, 331.481



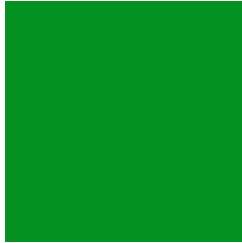
30, 61.437, 338.568



1, 3.248, 330.951

Previews

White Background



This preview shows how the CIELCh color 52, 71.369, 139.607 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 71.369, 139.607 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 × Fail

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

CIELCh 52, 71.369, 139.607

Background



This preview shows how black text looks on a background with the CIELCh color 52, 71.369, 139.607.



This preview shows how white text looks on a background with the CIELCh color 52, 71.369, 139.607.

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
52, 71.326, 139.567

Protanopia
52, 50.315, 95.506

Deuteranopia
52, 44.328, 81.101



Tritanopia
52, 23.353, 213.370

Trichromacy



Original Color
52, 71.326, 139.567



Protanomaly
50, 55.290, 123.005



Deuteranomaly
50, 48.019, 119.079



Tritanomaly
51, 37.576, 165.122

Monochromacy



Original Color
52, 71.326, 139.567



Achromatopsia
38, 0.005, 296.813



Achromatomaly
42, 31.716, 147.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 71.369, 139.607 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(5, 144, 34)` looks like.

```
.text, #text, p{  
    color:rgb(5, 144, 34)  
}
```

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(5, 144, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 144, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 71.369, 139.607 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(5, 144, 34) }
```

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

```
.border{ border-color:rgb(5, 144, 34) }
```

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

Here you see how a box with a 4 pixel rgb(5, 144, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 144, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 144, 34);  
box-shadow:4px 4px 4px 4px rgb(5, 144, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 71.369, 139.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 144, 34) }
```

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

```
.background{ background-color: rgb(5, 144,  
34) }
```

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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