

Converting Colors

CIELCh(53, 54.839, 139.556)

Have a look what the booklet for
CIELCh(53, 54.839, 139.556)
contains.

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Color

CIELCh(53, 54.560, 139.569)

Conversions

Conversions Part 1

Format	Color
Hex	3F8F3E
RGB	63, 143, 62
RGB Percent	25%, 56%, 24%
CMY	0.7530, 0.4392, 0.7569
CMYK	0.56, 0.00, 0.57, 0.44
HSL	119°, 40%, 40%
HSV	119°, 57%, 56%
XYZ	12.7396, 21.0462, 7.9470
YIQ	109.8460, -21.6790, -42.1510

Conversions

Conversions Part 2

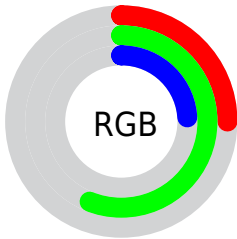
Format	Color
RYB	62, 143, 142
Decimal	4165438
CIELab	53.00, -41.53, 35.38
CIELCh	53, 54.560, 139.569
Yxy	21.0462, 0.3053, 0.5043
Android (android.graphics.Color)	4282355518 (0xFF3F8F3E)
YUV	109.8460, -23.5881, -41.0839
Hunter-Lab	45.8761, -30.7146, 21.8426

Details

The CIELCh color $53, 54.560, 139.569$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $40, 54.202, 326.874$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $73, 54.747, 139.555$, and $33, 53.796, 138.320$ is the 20% darker color. If you saturate the color by 10%, you get $52, 62.431, 138.499$, and if you desaturate by 10%, it is $54, 45.745, 140.607$.

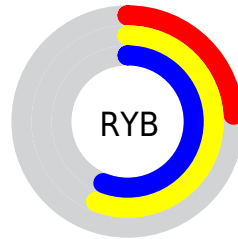
Distribution



Red (25%)

Green (56%)

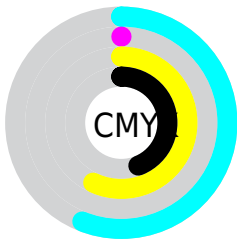
Blue (24%)



Red (24%)

Yellow (56%)

Blue (56%)

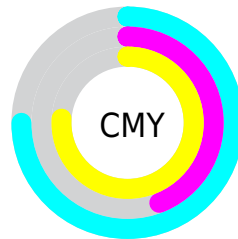


Cyan (56%)

Magenta (0%)

Yellow (57%)

Black (44%)



Cyan (75%)


Magenta (44%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 54.560, 139.569 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 53, 54.560, 139.569 by changing the saturation by 10% instead.


 53, 54.560,
139.569


 53, 54.560,
139.569


 100, 54.560,
139.569

 43, 54.560,
139.569


 73, 54.560,
139.569

 33, 54.560,
139.569

 83, 54.560,
139.569

 23, 54.560,
139.569

 93, 54.560,
139.569

 13, 54.560,
139.569

 3, 54.560, 139.569

 0, 54.560, 139.569

■ 53, 54.560,
139.569

■ 53, 54.560,
139.569

■ 52, 62.431,
138.499

■ 54, 45.745,
140.607

■ 52, 68.985,
137.491

■ 55, 36.302,
141.559

■ 52, 73.847,
136.676

■ 56, 26.494,
142.402

■ 51, 76.885,
136.128

■ 57, 16.527,
143.137

■ 51, 77.783,
135.946

■ 58, 6.559, 143.781

■ 60, 3.292, 324.223

■ 62, 12.948,
324.721

■ 63, 22.354,
325.112

■ 65, 31.480,
325.441

Harmonies

Complementary

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



53, 54.560, 139.569



40, 54.202, 326.874

Rectangle

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



53, 54.560, 139.569



53, 54.560, 189.569



53, 54.560, 319.569



53, 54.560, 9.569

Sweetspot

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



53, 54.561, 139.569



73, 20.936, 143.088



57, 43.182, 104.246



38, 14.121, 142.965



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 54.561, 139.569



67, 78.220, 138.206



54, 38.033, 156.808



29, 5.577, 143.624



49, 74.654, 135.942



2, 3.752, 144.116

Inverse Universe

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



40, 54.202, 326.874



48, 77.094, 327.301



38, 39.944, 348.766



28, 5.587, 324.573



31, 72.139, 327.758



1, 3.752, 324.112

Previews

White Background



This preview shows how the CIE LCh color 53, 54.560, 139.569 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 CIE LCh color 53, 54.560, 139.569 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 53, 54.560, 139.569

Background



This preview shows how black text looks on a background with the CIELCh color 53, 54.560, 139.569.



This preview shows how white text looks on a background with the CIELCh color 53, 54.560, 139.569.

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
53, 54.560, 139.569

Protanopia
53, 39.002, 95.570

Deuteranopia
53, 34.043, 78.454



Tritanopia
53, 18.275, 218.417

Trichromacy



Original Color
53, 54.560, 139.569

Protanomaly
52, 41.261, 117.739

Deuteranomaly
52, 34.883, 110.964

Tritanomaly
53, 26.171, 167.644

Monochromacy



Original Color
53, 54.560, 139.569

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 20.836, 142.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 54.560, 139.569 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(63, 143, 62)` looks like.

```
.text, #text, p{  
    color:rgb(63, 143, 62)  
}
```

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(63, 143, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 143, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 54.560, 139.569 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(63, 143, 62) }
```

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

```
.border{ border-color:rgb(63, 143, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 143, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 143, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 143, 62);  
box-shadow:4px 4px 4px 4px rgb(63, 143,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 54.560, 139.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 143, 62) }
```

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

```
.background{ background-color: rgb(63, 143,  
62) }
```

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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