

Converting Colors

CIELCh(54, 41.563, 139.165)

Have a look what the booklet for
CIELCh(54, 41.563, 139.165)
contains.

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Color

CIELCh(54, 41.663, 139.005)

Conversions

Conversions Part 1

Format	Color
Hex	568E50
RGB	86, 142, 80
RGB Percent	34%, 56%, 31%
CMY	0.6620, 0.4423, 0.6856
CMYK	0.39, 0.00, 0.44, 0.44
HSL	114°, 28%, 44%
HSV	114°, 44%, 56%
XYZ	15.0128, 21.9746, 11.0749
YIQ	118.1880, -13.4740, -31.1540

Conversions

Conversions Part 2

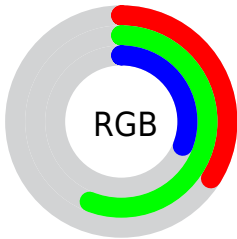
Format	Color
R_{YB}	80, 142, 136
Decimal	5672528
CIE _{Lab}	54.00, -31.45, 27.33
CIE _{LCh}	54, 41.663, 139.005
Yxy	21.9746, 0.3124, 0.4572
Android (android.graphics.Color)	4283862608 (0xFF568E50)
YUV	118.1880, -18.8267, -28.2289
Hunter-Lab	46.8770, -24.8685, 18.8064

Details

The CIELCh color $54, 41.663, 139.005$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43, 41.915, 323.799$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 41.733, 139.104$, and $34, 41.699, 138.751$ is the 20% darker color. If you saturate the color by 10%, you get $53, 50.540, 138.166$, and if you desaturate by 10%, it is $55, 32.325, 139.787$.

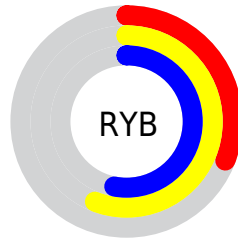
Distribution



Red (34%)

Green (56%)

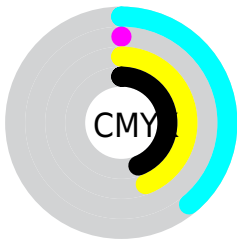
Blue (31%)



Red (31%)

Yellow (56%)

Blue (53%)

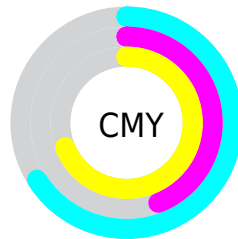


Cyan (39%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (66%)


Magenta (44%)


Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 41.663, 139.005 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 54, 41.663, 139.005 by changing the saturation by 10% instead.


 54, 41.663,
139.005


 54, 41.663,
139.005


 100, 41.663,
139.005


 44, 41.663,
139.005


 74, 41.663,
139.005

 34, 41.663,
139.005

 84, 41.663,
139.005

 24, 41.663,
139.005

 94, 41.663,
139.005

 14, 41.663,
139.005

 4, 41.663, 139.005

 0, 41.663, 139.005

■ 54, 41.663,
139.005

■ 54, 41.663,
139.005

■ 53, 50.540,
138.166

■ 55, 32.325,
139.787

■ 53, 58.678,
137.316

■ 56, 22.740,
140.489

■ 52, 65.735,
136.537

■ 57, 13.072,
141.110

■ 52, 71.326,
135.945

■ 59, 3.444, 141.680

■ 51, 75.121,
135.658

■ 60, 6.056, 322.054

■ 51, 76.944,
135.449

■ 62, 15.365,
322.462

■ 63, 24.445,
322.798

■ 65, 33.273,
323.083

■ 67, 41.837,
323.325

Harmonies

Complementary

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



54, 41.663, 139.005



43, 41.915, 323.799

Rectangle

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



54, 41.663, 139.005



54, 41.663, 189.005



54, 41.663, 319.005



54, 41.663, 9.005

Sweetspot

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



54, 41.664, 139.006



72, 15.375, 141.130



56, 31.342, 101.289



37, 10.730, 141.013



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 41.664, 139.006



68, 60.439, 138.212



54, 31.941, 154.622



30, 5.426, 141.362



49, 74.123, 135.419



2, 3.653, 141.802

Inverse Universe

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



43, 41.915, 323.799



51, 60.716, 324.155



43, 32.780, 342.348



28, 5.444, 322.213



29, 72.551, 324.565



1, 3.653, 321.798

Previews

White Background



This preview shows how the CIELCh color 54, 41.663, 139.005 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 54, 41.663, 139.005 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 54, 41.663, 139.005

Background



This preview shows how black text looks on a background with the CIELCh color 54, 41.663, 139.005.



This preview shows how white text looks on a background with the CIELCh color 54, 41.663, 139.005.

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
54, 41.663, 139.005

Protanopia
54, 30.994, 96.181

Deuteranopia
54, 26.203, 74.962



Tritanopia
54, 14.033, 222.697

Trichromacy



Original Color
54, 41.663, 139.005

Protanomaly
54, 32.459, 116.416

Deuteranomaly
53, 26.628, 107.778

Tritanomaly
54, 19.464, 167.226

Monochromacy



Original Color
54, 41.663, 139.005

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 15.931, 141.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 41.663, 139.005 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(86, 142, 80)` looks like.

```
.text, #text, p{  
    color:rgb(86, 142, 80)  
}
```

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(86, 142, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 142, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 41.663, 139.005 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(86, 142, 80) }
```

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

```
.border{ border-color:rgb(86, 142, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 142, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 142, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 142, 80);  
box-shadow:4px 4px 4px 4px rgb(86, 142,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 41.663, 139.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 142, 80) }
```

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

```
.background{ background-color: rgb(86, 142,  
80) }
```

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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