

Converting Colors

CIELCh(54, 40.325, 141.055)

Have a look what the booklet for
CIELCh(54, 40.325, 141.055)
contains.

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Color

CIELCh(54, 40.037, 141.066)

Conversions

Conversions Part 1

Format	Color
Hex	558E54
RGB	85, 142, 84
RGB Percent	33%, 56%, 33%
CMY	0.6661, 0.4425, 0.6700
CMYK	0.40, 0.00, 0.41, 0.44
HSL	119°, 26%, 44%
HSV	119°, 41%, 56%
XYZ	15.0632, 21.9746, 11.8654
YIQ	118.3450, -15.3540, -30.1220

Conversions

Conversions Part 2

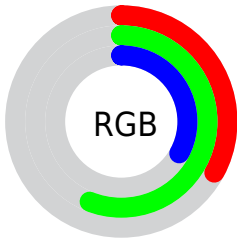
Format	Color
R_{YB}	84, 142, 141
Decimal	5606996
CIE _{Lab}	54.00, -31.14, 25.16
CIE _{LCh}	54, 40.037, 141.066
Yxy	21.9746, 0.3080, 0.4493
Android (android.graphics.Color)	4283797076 (0xFF558E54)
YUV	118.3450, -16.9321, -29.2436
Hunter-Lab	46.8770, -24.6765, 17.8066

Details

The CIELCh color $54, 40.037, 141.066$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 40.012, 326.046$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 40.152, 141.074$, and $34, 40.114, 140.771$ is the 20% darker color. If you saturate the color by 10%, you get $53, 49.205, 140.086$, and if you desaturate by 10%, it is $55, 30.411, 141.947$.

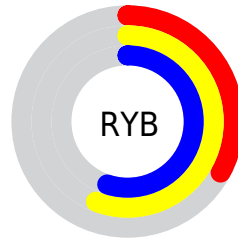
Distribution



Red (33%)

Green (56%)

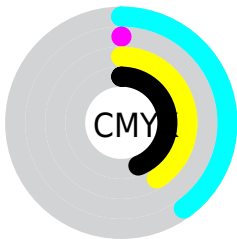
Blue (33%)



Red (33%)

Yellow (56%)

Blue (55%)

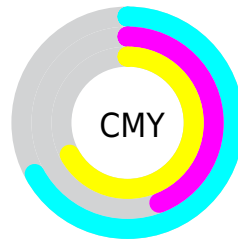


Cyan (40%)

Magenta (0%)

Yellow (41%)

Black (44%)



Cyan (67%)


Magenta (44%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 40.037, 141.066 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, 40.037, 141.066 by changing the saturation by 10% instead.

 54, 40.037,
141.066

 54, 40.037,
141.066


 100, 40.037,
141.066

 44, 40.037,
141.066


 74, 40.037,
141.066

 34, 40.037,
141.066

 84, 40.037,
141.066

 24, 40.037,
141.066

 94, 40.037,
141.066

 14, 40.037,
141.066

 4, 40.037, 141.066

 0, 40.037, 141.066

■ 54, 40.037,
141.066

■ 54, 40.037,
141.066

■ 53, 49.205,
140.086

■ 55, 30.411,
141.947

■ 52, 57.630,
139.040

■ 56, 20.551,
142.720

■ 52, 64.974,
137.998

■ 58, 10.631,
143.391

■ 52, 70.858,
137.071

■ 59, 0.783, 144.191

■ 51, 74.933,
136.392

■ 61, 8.900, 324.397

■ 51, 77.423,
135.917

■ 62, 18.356,
324.818

■ 64, 27.546,
325.168

■ 66, 36.449,
325.466

■ 68, 45.058,
325.719

Harmonies

Complementary

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



54, 40.037, 141.066



44, 40.012, 326.046

Rectangle

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



54, 40.037, 141.066



54, 40.037, 191.066



54, 40.037, 321.066



54, 40.037, 11.066

Sweetspot

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



54, 40.038, 141.066



72, 14.555, 143.300



57, 31.223, 104.883



38, 9.626, 143.229



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, 40.038, 141.066



68, 58.546, 140.167



54, 28.392, 158.066



29, 5.568, 143.493



49, 74.623, 135.911



2, 3.746, 143.982

Inverse Universe

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



44, 40.012, 326.046



53, 58.356, 326.454



43, 29.514, 345.659



28, 5.578, 324.436



31, 72.156, 327.565



1, 3.746, 323.978

Previews

White Background



This preview shows how the CIELCh color 54, 40.037, 141.066 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, 40.037, 141.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

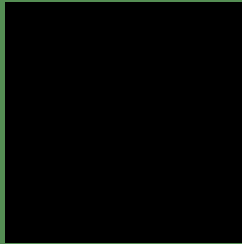
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 40.037, 141.066

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.037, 141.066.



This preview shows how white text looks on a background with the CIELCh color 54, 40.037, 141.066.

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, 40.037, 141.066

Protanopia

54, 28.764, 96.656

Deuteranopia

54, 23.974, 73.456



Tritanopia
54, 14.494, 224.397

Trichromacy



Original Color
54, 40.037, 141.066

Protanomaly
54, 30.441, 118.113

Deuteranomaly
53, 24.437, 109.165

Tritanomaly
54, 18.798, 172.057

Monochromacy



Original Color
54, 40.037, 141.066

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 14.724, 142.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.037, 141.066 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(85, 142, 84)` looks like.

```
.text, #text, p{  
    color:rgb(85, 142, 84)  
}
```

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(85, 142, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 142, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.037, 141.066 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(85, 142, 84) }
```

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

```
.border{ border-color:rgb(85, 142, 84) }
```

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

Here you see how a box with a 4 pixel rgb(85, 142, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 142, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 142, 84);  
box-shadow:4px 4px 4px 4px rgb(85, 142,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.037, 141.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 142, 84) }
```

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

```
.background{ background-color: rgb(85, 142,  
84) }
```

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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