

Converting Colors

CIELCh(54, 40.837, 142.553)

Have a look what the booklet for
CIELCh(54, 40.837, 142.553)
contains.

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Color

CIELCh(54, 40.837, 142.553)

Conversions

Conversions Part 1

Format	Color
Hex	528F55
RGB	82, 143, 85
RGB Percent	32%, 56%, 33%
CMY	0.6797, 0.4405, 0.6679
CMYK	0.43, 0.00, 0.41, 0.44
HSL	123°, 27%, 44%
HSV	123°, 43%, 56%
XYZ	14.8509, 21.9746, 11.9889
YIQ	118.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

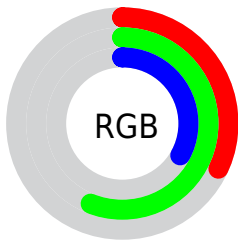
Format	Color
R_{YB}	82, 140, 143
Decimal	5410645
CIE _{Lab}	54.00, -32.42, 24.83
CIE _{LCh}	54, 40.837, 142.553
Yxy	21.9746, 0.3042, 0.4502
Android (android.graphics.Color)	4283600725 (0xFF528F55)
YUV	118.1490, -16.3425, -31.7027
Hunter-Lab	46.8770, -25.4851, 17.6504

Details

The CIELCh color $54, 40.837, 142.553$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 40.736, 328.093$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 40.949, 142.597$, and $34, 40.962, 142.251$ is the 20% darker color. If you saturate the color by 10%, you get $53, 49.693, 141.482$, and if you desaturate by 10%, it is $55, 31.507, 143.505$.

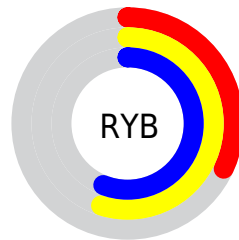
Distribution



Red (32%)

Green (56%)

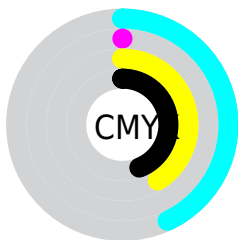
Blue (33%)



Red (32%)

Yellow (55%)

Blue (56%)

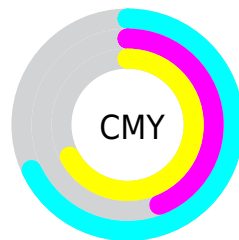


Cyan (43%)

Magenta (0%)

Yellow (41%)

Black (44%)



Cyan (68%)

Magenta (44%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 40.837, 142.553 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, 40.837, 142.553 by changing the saturation by 10% instead.

 54, 40.837,
142.553

 54, 40.837,
142.553

 100, 40.837,
142.553

 44, 40.837,
142.553


 74, 40.837,
142.553

 34, 40.837,
142.553

 84, 40.837,
142.553

 24, 40.837,
142.553

 94, 40.837,
142.553

 14, 40.837,
142.553

 4, 40.837, 142.553

 0, 40.837, 142.553

■ 54, 40.837,
142.553

■ 54, 40.837,
142.553

■ 53, 49.693,
141.482

■ 55, 31.507,
143.505

■ 53, 57.812,
140.316

■ 56, 21.918,
144.334

■ 52, 64.899,
139.109

■ 57, 12.245,
145.052

■ 52, 70.631,
137.959

■ 59, 2.621, 145.723

■ 51, 74.717,
136.990

■ 60, 6.857, 326.131

■ 51, 76.706,
136.561

■ 62, 16.122,
326.591

■ 64, 25.131,
326.975

■ 66, 33.860,
327.302

■ 68, 42.299,
327.584

Harmonies

Complementary

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



54, 40.837, 142.553



44, 40.736, 328.093

Rectangle

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



54, 40.837, 142.553



54, 40.837, 192.553



54, 40.837, 322.553



54, 40.837, 12.553

Sweetspot

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



54, 40.838, 142.553



73, 15.512, 145.017



58, 33.745, 107.727



38, 10.951, 144.879



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 40.838, 142.553



68, 59.757, 141.557



55, 28.161, 161.278



29, 5.413, 145.287



49, 73.684, 136.596



2, 3.642, 145.796

Inverse Universe

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



44, 40.736, 328.093



53, 59.362, 328.555



43, 29.852, 349.848



28, 5.423, 326.269



31, 69.427, 330.249



1, 3.642, 325.791

Previews

White Background



This preview shows how the CIELCh color 54, 40.837, 142.553 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, 40.837, 142.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

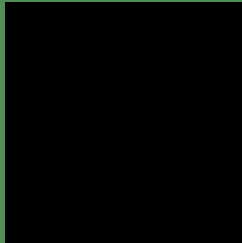
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 40.837, 142.553

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.837, 142.553.



This preview shows how white text looks on a background with the CIELCh color 54, 40.837, 142.553.

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, 40.837, 142.553

Protanopia

54, 28.349, 95.615

Deuteranopia

54, 23.974, 73.456



Tritanopia
54, 15.327, 222.812

Trichromacy



Original Color
54, 40.837, 142.553

Protanomaly
53, 29.946, 118.351

Deuteranomaly
53, 24.460, 110.189

Tritanomaly
54, 19.692, 173.174

Monochromacy



Original Color
54, 40.837, 142.553

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 15.194, 144.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.837, 142.553 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(82, 143, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 143, 85)  
}
```

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(82, 143, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 143, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.837, 142.553 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(82, 143, 85) }
```

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

```
.border{ border-color:rgb(82, 143, 85) }
```

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

Here you see how a box with a 4 pixel rgb(82, 143, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 143, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 143, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 143,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.837, 142.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 143, 85) }
```

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

```
.background{ background-color: rgb(82, 143,  
85) }
```

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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