

Converting Colors

CIELCh(54, 35.181, 142.223)

Have a look what the booklet for
CIELCh(54, 35.181, 142.223)
contains.

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Color

CIELCh(54, 35.107, 142.394)

Conversions

Conversions Part 1

Format	Color
Hex	5A8D5B
RGB	90, 141, 91
RGB Percent	35%, 55%, 36%
CMY	0.6471, 0.4471, 0.6432
CMYK	0.36, 0.00, 0.35, 0.45
HSL	121°, 22%, 45%
HSV	121°, 36%, 55%
XYZ	15.6264, 21.9746, 13.3130
YIQ	120.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

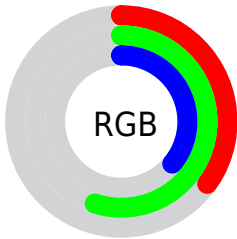
Format	Color
R_{YB}	90, 140, 141
Decimal	5934427
CIE _{Lab}	54.00, -27.81, 21.42
CIE _{LCh}	54, 35.107, 142.394
Yxy	21.9746, 0.3069, 0.4316
Android (android.graphics.Color)	4284124507 (0xFF5A8D5B)
YUV	120.0510, -14.3221, -26.3547
Hunter-Lab	46.8770, -22.5320, 15.9756

Details

The CIELCh color $54, 35.107, 142.394$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 35.075, 326.878$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 34.937, 142.601$, and $34, 35.111, 142.300$ is the 20% darker color. If you saturate the color by 10%, you get $53, 44.383, 141.417$, and if you desaturate by 10%, it is $55, 25.489, 143.255$.

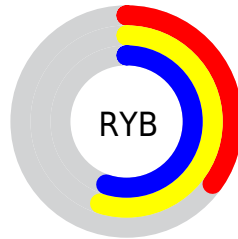
Distribution



 Red (35%)

 Green (55%)

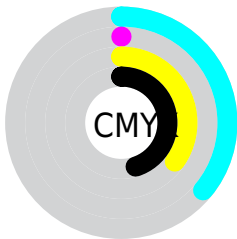
 Blue (36%)



 Red (35%)

 Yellow (55%)

 Blue (55%)

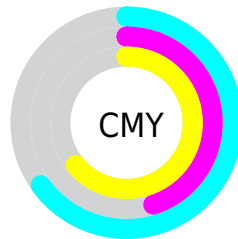


 Cyan (36%)

 Magenta (0%)

 Yellow (35%)

 Black (45%)



 Cyan (65%)


 Magenta (45%)


 Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 35.107, 142.394 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, 35.107, 142.394 by changing the saturation by 10% instead.


 54, 35.107,
142.394


 54, 35.107,
142.394


 100, 35.107,
142.394


 44, 35.107,
142.394


 74, 35.107,
142.394

 34, 35.107,
142.394

 84, 35.107,
142.394

 24, 35.107,
142.394

 94, 35.107,
142.394

 14, 35.107,
142.394

 4, 35.107, 142.394

 0, 35.107, 142.394

■ 54, 35.107,
142.394

■ 54, 35.107,
142.394

■ 53, 44.383,
141.417

■ 55, 25.489,
143.255

■ 52, 53.069,
140.337

■ 56, 15.724,
144.001

■ 52, 60.868,
139.198

■ 58, 5.965, 144.657

■ 51, 67.442,
138.082

■ 59, 3.676, 325.108

■ 61, 13.120,
325.608

■ 51, 72.442,
137.112

■ 63, 22.316,
326.005

■ 51, 75.645,
136.432

■ 65, 31.235,
326.342

■ 51, 76.650,
136.237

■ 66, 39.862,
326.629

■ 69, 48.196,
326.876

Harmonies

Complementary

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



54, 35.107, 142.394



45, 35.075, 326.878

Rectangle

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



54, 35.107, 142.394



54, 35.107, 192.394



54, 35.107, 322.394



54, 35.107, 12.394

Sweetspot

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



54, 35.108, 142.394



73, 13.233, 144.333



57, 28.464, 107.546



38, 8.866, 144.257



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, 35.108, 142.394



68, 51.415, 141.647



55, 24.131, 161.166



29, 5.525, 144.465



49, 74.310, 136.248



2, 3.717, 144.969

Inverse Universe

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



45, 35.075, 326.878



56, 51.268, 327.261



45, 25.277, 348.003



28, 5.534, 325.436



31, 71.032, 329.006



1, 3.718, 324.964

Previews

White Background



This preview shows how the CIELCh color 54, 35.107, 142.394 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, 35.107, 142.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

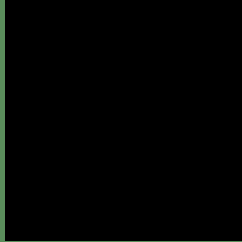
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.107, 142.394

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.107, 142.394.



This preview shows how white text looks on a background with the CIELCh color 54, 35.107, 142.394.

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, 35.107, 142.394

Protanopia

54, 24.447, 95.567

Deuteranopia

54, 20.817, 69.955



Tritanopia
54, 13.380, 226.883

Trichromacy



Original Color
54, 35.107, 142.394

Protanomaly
54, 26.011, 118.547

Deuteranomaly
53, 20.523, 108.812

Tritanomaly
54, 17.006, 173.634

Monochromacy



Original Color
54, 35.107, 142.394

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 13.503, 143.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.107, 142.394 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(90, 141, 91)` looks like.

```
.text, #text, p{  
    color:rgb(90, 141, 91)  
}
```

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(90, 141, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 141, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.107, 142.394 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(90, 141, 91) }
```

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

```
.border{ border-color:rgb(90, 141, 91) }
```

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

Here you see how a box with a 4 pixel rgb(90, 141, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 141, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 141, 91);  
box-shadow:4px 4px 4px 4px rgb(90, 141,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.107, 142.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 141, 91) }
```

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

```
.background{ background-color: rgb(90, 141,  
91) }
```

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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