

Converting Colors

CIELCh(54, 54.580, 134.957)

Have a look what the booklet for
CIELCh(54, 54.580, 134.957)
contains.

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Color

CIELCh(54, 54.845, 134.896)

Conversions

Conversions Part 1

Format	Color
Hex	4D913A
RGB	77, 145, 58
RGB Percent	30%, 57%, 23%
CMY	0.6998, 0.4331, 0.7742
CMYK	0.47, 0.00, 0.60, 0.43
HSL	107°, 43%, 40%
HSV	107°, 60%, 57%
XYZ	13.8344, 21.9746, 7.4600
YIQ	114.7500, -12.6010, -41.4730

Conversions

Conversions Part 2

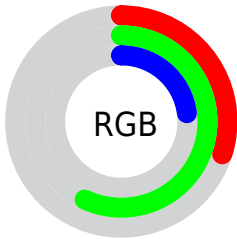
Format	Color
RYB	58, 145, 126
Decimal	5083450
CIELab	54.00, -38.71, 38.85
CIELCh	54, 54.845, 134.896
Yxy	21.9746, 0.3197, 0.5079
Android (android.graphics.Color)	4283273530 (0xFF4D913A)
YUV	114.7500, -27.9777, -33.1067
Hunter-Lab	46.8770, -29.3555, 23.3786

Details

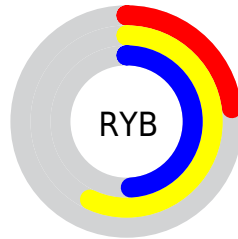
The CIELCh color $54, 54.845, 134.896$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $37, 56.128, 320.608$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 54.614, 134.780$, and $34, 54.952, 135.002$ is the 20% darker color. If you saturate the color by 10%, you get $53, 62.360, 134.374$, and if you desaturate by 10%, it is $55, 46.481, 135.513$.

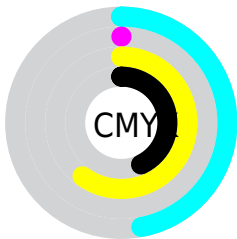
Distribution



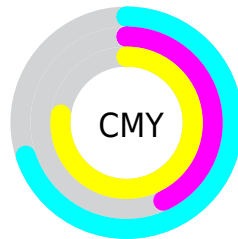
- Red (30%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (49%)



- Cyan (47%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)





- Cyan (70%)
- Magenta (43%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 54.845, 134.896 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, 54.845, 134.896 by changing the saturation by 10% instead.


 54, 54.845,
134.896

 54, 54.845,
134.896


 100, 54.845,
134.896

 44, 54.845,
134.896

 74, 54.845,
134.896

 34, 54.845,
134.896

 84, 54.845,
134.896

 24, 54.845,
134.896

 94, 54.845,
134.896

 14, 54.845,
134.896

 4, 54.845, 134.896

 0, 54.845, 134.896

■ 54, 54.845,
134.896

■ 54, 54.845,
134.896

■ 53, 62.360,
134.374

■ 55, 46.481,
135.513

■ 53, 68.657,
134.054

■ 56, 37.565,
136.150

■ 53, 73.363,
134.053

■ 56, 28.325,
136.761

■ 52, 76.626,
134.227

■ 58, 18.932,
137.325

■ 59, 9.508, 137.836

■ 60, 0.145, 139.365

■ 61, 9.092, 318.632

■ 63, 18.159,
318.975

■ 64, 27.026,
319.265

Harmonies

Complementary

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



54, 54.845, 134.896



37, 56.128, 320.608

Rectangle

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



54, 54.845, 134.896



54, 54.845, 184.896



54, 54.845, 314.896



54, 54.845, 4.896

Sweetspot

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



54, 54.846, 134.897



74, 20.995, 137.420



53, 38.610, 91.048



38, 14.551, 137.279



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, 54.846, 134.897



68, 78.661, 134.238



54, 48.411, 147.165



30, 5.226, 137.885



49, 72.906, 134.161



2, 3.522, 138.271

Inverse Universe

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



37, 56.128, 320.608



44, 80.349, 320.796



38, 48.196, 337.433



28, 5.257, 318.638



26, 73.615, 320.268



1, 3.522, 318.267

Previews

White Background



This preview shows how the CIE LCh color 54, 54.845, 134.896 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, 54.845, 134.896 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, 54.845, 134.896

Background



This preview shows how black text looks on a background with the CIELCh color 54, 54.845, 134.896.



This preview shows how white text looks on a background with the CIELCh color 54, 54.845, 134.896.

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, 54.845, 134.896

Protanopia

54, 42.306, 95.980

Deuteranopia

54, 37.357, 79.012



Tritanopia
54, 15.726, 219.761

Trichromacy



Original Color
54, 54.845, 134.896

Protanomaly
54, 44.129, 114.296

Deuteranomaly
53, 37.756, 106.804

Tritanomaly
54, 24.583, 161.167

Monochromacy



Original Color
54, 54.845, 134.896

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 21.346, 137.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 54.845, 134.896 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(77, 145, 58)` looks like.

```
.text, #text, p{  
    color:rgb(77, 145, 58)  
}
```

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(77, 145, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 145, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 54.845, 134.896 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(77, 145, 58) }
```

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

```
.border{ border-color:rgb(77, 145, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 145, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 145, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 145, 58);  
box-shadow:4px 4px 4px 4px rgb(77, 145,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 54.845, 134.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 145, 58) }
```

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

```
.background{ background-color: rgb(77, 145,  
58) }
```

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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