

Converting Colors

CIELCh(54, 34.136, 126.597)

Have a look what the booklet for
CIELCh(54, 34.136, 126.597)
contains.

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Color

CIELCh(54, 34.155, 126.881)

Conversions

Conversions Part 1

Format	Color
Hex	6E8A51
RGB	110, 138, 81
RGB Percent	43%, 54%, 32%
CMY	0.5698, 0.4600, 0.6835
CMYK	0.20, 0.00, 0.41, 0.46
HSL	89°, 26%, 43%
HSV	89°, 41%, 54%
XYZ	16.9120, 21.9746, 11.0787
YIQ	123.1300, 1.6090, -23.6630

Conversions

Conversions Part 2

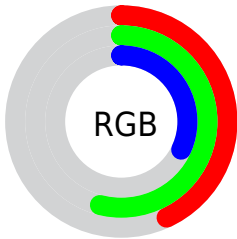
Format	Color
R_{YB}	81, 138, 109
Decimal	7244369
CIE _{Lab}	54.00, -20.50, 27.32
CIE _{LCh}	54, 34.155, 126.881
Yxy	21.9746, 0.3385, 0.4398
Android (android.graphics.Color)	4285434449 (0xFF6E8A51)
YUV	123.1300, -20.7701, -11.5150
Hunter-Lab	46.8770, -17.6368, 18.8017

Details

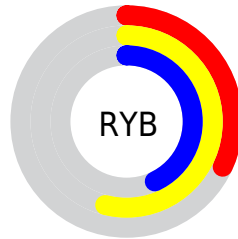
The CIELCh color $54, 34.155, 126.881$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $39, 36.231, 310.798$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 34.437, 126.712$, and $34, 34.400, 126.533$ is the 20% darker color. If you saturate the color by 10%, you get $53, 41.977, 126.462$, and if you desaturate by 10%, it is $55, 26.051, 127.347$.

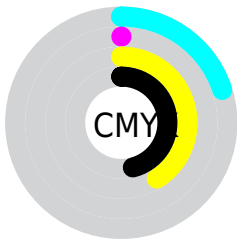
Distribution



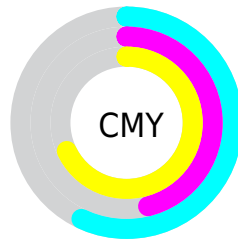
- Red (43%)
- Green (54%)
- Blue (32%)



- Red (32%)
- Yellow (54%)
- Blue (43%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)





- Cyan (57%)
- Magenta (46%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 34.155, 126.881 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, 34.155, 126.881 by changing the saturation by 10% instead.


 54, 34.155,
126.881


 54, 34.155,
126.881


 100, 34.155,
126.881


 44, 34.155,
126.881


 74, 34.155,
126.881


 34, 34.155,
126.881


 84, 34.155,
126.881

 24, 34.155,
126.881

 94, 34.155,
126.881

 14, 34.155,
126.881

 4, 34.155, 126.881

 0, 34.155, 126.881

■ 54, 34.155,
126.881

■ 54, 34.155,
126.881

■ 53, 41.977,
126.462

■ 55, 26.051,
127.347

■ 53, 49.327,
126.142

■ 55, 17.790,
127.820

■ 52, 55.950,
126.003

■ 56, 9.465, 128.283

■ 52, 61.520,
126.153

■ 57, 1.140, 128.785

■ 58, 7.140, 309.099

■ 51, 65.714,
126.708

■ 59, 15.342,
309.475

■ 51, 68.539,
127.359

■ 60, 23.443,
309.812

■ 61, 31.425,
310.115

■ 63, 39.279,
310.387

Harmonies

Complementary

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



54, 34.155, 126.881



39, 36.231, 310.798

Rectangle

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



54, 34.155, 126.881



54, 34.155, 176.881



54, 34.155, 306.881



54, 34.155, 356.881

Sweetspot

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



54, 34.156, 126.882



71, 12.337, 128.243



48, 21.309, 68.715



37, 8.153, 128.194



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 34.156, 126.882



68, 50.509, 126.474



52, 39.545, 141.039



29, 4.691, 128.385



49, 66.654, 127.300



1, 2.179, 128.766

Inverse Universe

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



39, 36.231, 310.798



46, 54.430, 311.312



43, 39.514, 326.087



27, 4.753, 309.153



19, 76.704, 312.014



0, 2.180, 308.764

Previews

White Background



This preview shows how the CIELCh color 54, 34.155, 126.881 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, 34.155, 126.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

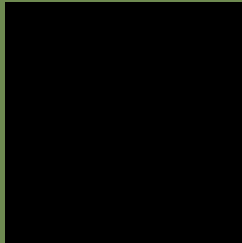
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.155, 126.881

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.155, 126.881.



This preview shows how white text looks on a background with the CIELCh color 54, 34.155, 126.881.

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

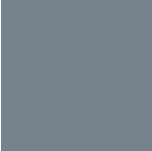
54, 34.155, 126.881

Protanopia

54, 29.927, 95.987

Deuteranopia

54, 26.960, 74.687



Tritanopia
54, 7.439, 250.098

Trichromacy



Original Color
54, 34.155, 126.881

Protanomaly
54, 30.376, 108.075

Deuteranomaly
54, 26.086, 96.027

Tritanomaly
54, 10.853, 150.453

Monochromacy



Original Color
54, 34.155, 126.881

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.272, 128.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.155, 126.881 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(110, 138, 81)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 81)  
}
```

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(110, 138, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.155, 126.881 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(110, 138, 81) }
```

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

```
.border{ border-color:rgb(110, 138, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 81);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.155, 126.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 81) }
```

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

```
.background{ background-color: rgb(110,  
138, 81) }
```

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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