

Converting Colors

CIELCh(53, 34.661, 121.165)

Have a look what the booklet for
CIELCh(53, 34.661, 121.165)
contains.

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Color

CIELCh(53, 34.843, 121.360)

Conversions

Conversions Part 1

Format	Color
Hex	71864A
RGB	113, 134, 74
RGB Percent	44%, 53%, 29%
CMY	0.5570, 0.4746, 0.7099
CMYK	0.16, 0.00, 0.45, 0.47
HSL	81°, 29%, 41%
HSV	81°, 45%, 53%
XYZ	16.5635, 21.0462, 9.6638
YIQ	120.8810, 6.7440, -23.1120

Conversions

Conversions Part 2

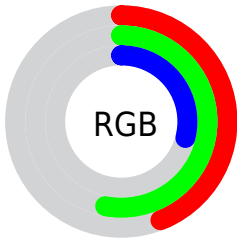
Format	Color
RYB	74, 134, 95
Decimal	7439946
CIELab	53.00, -18.13, 29.75
CIElCh	53, 34.843, 121.360
Yxy	21.0462, 0.3504, 0.4452
Android (android.graphics.Color)	4285630026 (0xFF71864A)
YUV	120.8810, -23.1123, -6.9116
Hunter-Lab	45.8761, -15.8360, 19.6238

Details

The CIELCh color **53, 34.843, 121.360** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **36, 37.960, 306.531**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 34.595, 121.203**, and **33, 34.946, 121.402** is the 20% darker color. If you saturate the color by 10%, you get **52, 42.055, 120.936**, and if you desaturate by 10%, it is **54, 27.293, 121.858**.

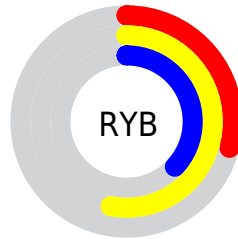
Distribution



Red (44%)

Green (53%)

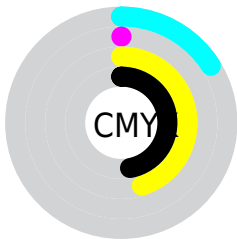
Blue (29%)



Red (29%)

Yellow (53%)

Blue (37%)

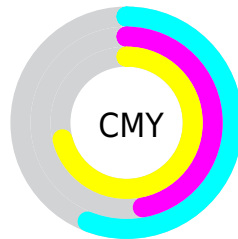


Cyan (16%)

Magenta (0%)

Yellow (45%)

Black (47%)



Cyan (56%)


Magenta (47%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 34.843, 121.360 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 53, 34.843, 121.360 by changing the saturation by 10% instead.


 53, 34.843,
121.360


 53, 34.843,
121.360


 100, 34.843,
121.360


 43, 34.843,
121.360


 73, 34.843,
121.360

 33, 34.843,
121.360

 83, 34.843,
121.360

 23, 34.843,
121.360

 93, 34.843,
121.360

 13, 34.843,
121.360

 3, 34.843, 121.360

 0, 34.843, 121.360

■ 53, 34.843,
121.360

■ 53, 34.843,
121.360

■ 52, 42.055,
120.936

■ 54, 27.293,
121.858

■ 52, 48.725,
120.642

■ 54, 19.540,
122.385

■ 52, 54.581,
120.562

■ 55, 11.678,
122.916

■ 51, 59.297,
120.801

■ 56, 3.774, 123.442

■ 51, 62.635,
121.442

■ 56, 4.127, 303.911

■ 51, 64.187,
121.798

■ 57, 11.992,
304.385

■ 58, 19.798,
304.821

■ 59, 27.527,
305.224

■ 60, 35.166,
305.594

Harmonies

Complementary

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



53, 34.843, 121.360



36, 37.960, 306.531

Rectangle

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



53, 34.843, 121.360



53, 34.843, 171.360



53, 34.843, 301.360



53, 34.843, 351.360

Sweetspot

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



53, 34.844, 121.362



70, 12.680, 122.995



44, 22.515, 54.403



36, 8.834, 122.893



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 34.844, 121.362



67, 51.141, 120.921



51, 40.056, 137.644



28, 4.417, 123.214



49, 62.801, 121.754



1, 1.061, 123.668

Inverse Universe

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



36, 37.960, 306.531



42, 57.112, 307.334



40, 40.532, 322.221



26, 4.491, 304.141



16, 77.808, 309.333



0, 1.061, 303.667

Previews

White Background



This preview shows how the CIELCh color 53, 34.843, 121.360 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 53, 34.843, 121.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

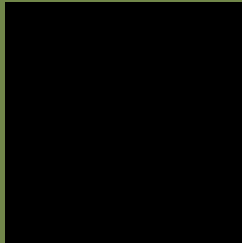
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

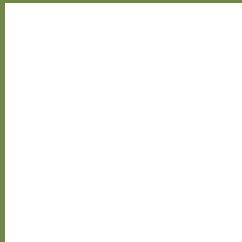
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 34.843, 121.360

Background



This preview shows how black text looks on a background with the CIELCh color 53, 34.843, 121.360.



This preview shows how white text looks on a background with the CIELCh color 53, 34.843, 121.360.

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

53, 34.843, 121.360

Protanopia

53, 31.724, 95.341

Deuteranopia

53, 29.527, 76.976



Tritanopia
53, 6.175, 269.202

Trichromacy



Original Color
53, 34.843, 121.360

Protanomaly
53, 32.069, 105.302

Deuteranomaly
53, 28.958, 95.665

Tritanomaly
53, 10.465, 136.776

Monochromacy



Original Color
53, 34.843, 121.360

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 13.147, 123.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 34.843, 121.360 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(113, 134, 74)` looks like.

```
.text, #text, p{  
    color:rgb(113, 134, 74)  
}
```

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(113, 134, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 134, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 34.843, 121.360 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(113, 134, 74) }
```

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

```
.border{ border-color:rgb(113, 134, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 134, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 134, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 134, 74);  
box-shadow:4px 4px 4px 4px rgb(113, 134,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 34.843, 121.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 134, 74) }
```

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

```
.background{ background-color: rgb(113,  
134, 74) }
```

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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