

Converting Colors

CIELCh(54, 34.082, 120.800)

Have a look what the booklet for
CIELCh(54, 34.082, 120.800)
contains.

CIELCh(54, 34.024, 120.294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 34.024, 120.294)

Conversions

Conversions Part 1

Format	Color
Hex	75884D
RGB	117, 136, 77
RGB Percent	46%, 53%, 30%
CMY	0.5407, 0.4661, 0.6975
CMYK	0.14, 0.00, 0.43, 0.47
HSL	79°, 28%, 42%
HSV	79°, 43%, 53%
XYZ	17.5209, 21.9746, 10.3621
YIQ	123.5930, 7.6150, -22.3770

Conversions

Conversions Part 2

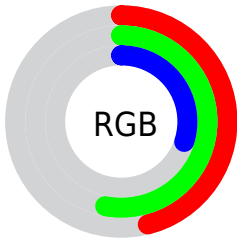
Format	Color
RYB	77, 136, 96
Decimal	7702605
CIELab	54.00, -17.16, 29.38
CIElCh	54, 34.024, 120.294
Yxy	21.9746, 0.3514, 0.4407
Android (android.graphics.Color)	4285892685 (0xFF75884D)
YUV	123.5930, -22.9703, -5.7821
Hunter-Lab	46.8770, -15.3183, 19.7079

Details

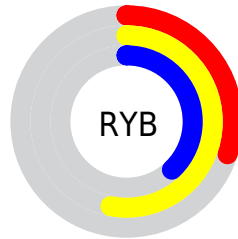
The CIELCh color **54, 34.024, 120.294** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **37, 37.089, 305.547**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 33.827, 120.173**, and **34, 34.150, 120.266** is the 20% darker color. If you saturate the color by 10%, you get **53, 41.334, 119.839**, and if you desaturate by 10%, it is **55, 26.390, 120.817**.

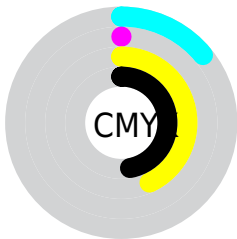
Distribution



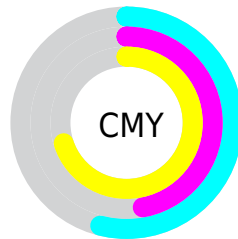
- Red (46%)
- Green (53%)
- Blue (30%)



- Red (30%)
- Yellow (53%)
- Blue (38%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (47%)




- Cyan (54%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 34.024, 120.294 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, 34.024, 120.294 by changing the saturation by 10% instead.

 54, 34.024,
120.294

 54, 34.024,
120.294

 100, 34.024,
120.294


 44, 34.024,
120.294


 74, 34.024,
120.294

 34, 34.024,
120.294

 84, 34.024,
120.294

 24, 34.024,
120.294

 94, 34.024,
120.294

 14, 34.024,
120.294

 4, 34.024, 120.294

 0, 34.024, 120.294

■ 54, 34.024,
120.294

■ 54, 34.024,
120.294

■ 53, 41.334,
119.839

■ 55, 26.390,
120.817

■ 53, 48.122,
119.504

■ 55, 18.563,
121.366

■ 53, 54.122,
119.370

■ 56, 10.632,
121.919

■ 52, 59.004,
119.535

■ 57, 2.662, 122.468

■ 52, 62.471,
120.100

■ 57, 5.305, 302.958

■ 52, 64.388,
120.554

■ 58, 13.238,
303.448

■ 59, 21.112,
303.902

■ 60, 28.912,
304.324

■ 61, 36.625,
304.714

Harmonies

Complementary

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



54, 34.024, 120.294



37, 37.089, 305.547

Rectangle

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



54, 34.024, 120.294



54, 34.024, 170.294



54, 34.024, 300.294



54, 34.024, 350.294

Sweetspot

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



54, 34.025, 120.296



71, 12.769, 121.922



44, 22.128, 51.009



37, 9.004, 121.814



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, 34.025, 120.296



68, 49.698, 119.849



52, 38.930, 136.888



29, 4.537, 122.147



50, 63.156, 120.517



1, 2.112, 122.626

Inverse Universe

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



37, 37.089, 305.547



43, 55.507, 306.363



40, 39.543, 321.146



27, 4.617, 303.126



16, 79.336, 308.889



0, 2.113, 302.625

Previews

White Background



This preview shows how the CIELCh color 54, 34.024, 120.294 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, 34.024, 120.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

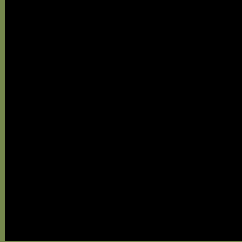
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.024, 120.294

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.024, 120.294.



This preview shows how white text looks on a background with the CIELCh color 54, 34.024, 120.294.

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, 34.024, 120.294

Protanopia

54, 31.526, 96.269

Deuteranopia

54, 29.193, 75.863



Tritanopia
54, 5.937, 276.015

Trichromacy



Original Color
54, 34.024, 120.294

Protanomaly
54, 31.967, 106.190

Deuteranomaly
54, 28.555, 93.825

Tritanomaly
54, 9.548, 134.214

Monochromacy



Original Color
54, 34.024, 120.294

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 12.349, 120.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.024, 120.294 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(117, 136, 77)` looks like.

```
.text, #text, p{  
    color:rgb(117, 136, 77)  
}
```

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(117, 136, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 136, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.024, 120.294 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(117, 136, 77) }
```

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

```
.border{ border-color:rgb(117, 136, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 136, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 136, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 136, 77);  
box-shadow:4px 4px 4px 4px rgb(117, 136,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.024, 120.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 136, 77) }
```

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

```
.background{ background-color: rgb(117,  
136, 77) }
```

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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