

Converting Colors

CIELCh(54, 23.846, 119.781)

Have a look what the booklet for
CIELCh(54, 23.846, 119.781)
contains.

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Color

CIELCh(54, 23.816, 119.793)

Conversions

Conversions Part 1

Format	Color
Hex	7A865D
RGB	122, 134, 93
RGB Percent	48%, 53%, 36%
CMY	0.5216, 0.4745, 0.6353
CMYK	0.09, 0.00, 0.31, 0.47
HSL	78°, 18%, 45%
HSV	78°, 31%, 53%
XYZ	18.5239, 21.9746, 13.6192
YIQ	125.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

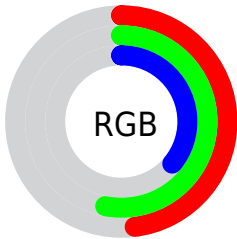
Format	Color
RYB	93, 134, 105
Decimal	8029789
CIELab	54.00, -11.83, 20.67
CIElCh	54, 23.816, 119.793
Yxy	21.9746, 0.3423, 0.4061
Android (android.graphics.Color)	4286219869 (0xFF7A865D)
YUV	125.7380, -16.1398, -3.2782
Hunter-Lab	46.8770, -11.4990, 15.5884

Details

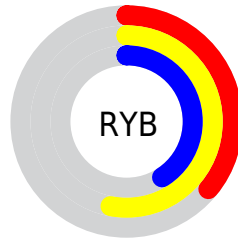
The CIELCh color **54, 23.816, 119.793** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42, 25.283, 303.560**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 23.518, 119.649**, and **34, 23.729, 118.988** is the 20% darker color. If you saturate the color by 10%, you get **53, 31.370, 119.241**, and if you desaturate by 10%, it is **55, 16.099, 120.370**.

Distribution



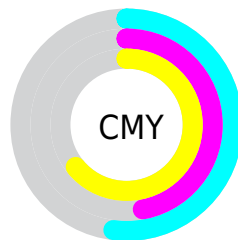
- Red (48%)
- Green (53%)
- Blue (36%)



- Red (36%)
- Yellow (53%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)





- Cyan (52%)
- Magenta (47%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.816, 119.793 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, 23.816, 119.793 by changing the saturation by 10% instead.


 54, 23.816,
119.793

 54, 23.816,
119.793


 100, 23.816,
119.793

 44, 23.816,
119.793

 74, 23.816,
119.793

 34, 23.816,
119.793

 84, 23.816,
119.793

 24, 23.816,
119.793

 94, 23.816,
119.793

 14, 23.816,
119.793

 4, 23.816, 119.793

 0, 23.816, 119.793

■ 54, 23.816,
119.793

■ 54, 23.816,
119.793

■ 53, 31.370,
119.241

■ 55, 16.099,
120.370

■ 53, 38.639,
118.740

■ 55, 8.296, 120.944

■ 53, 45.454,
118.342

■ 56, 0.462, 121.570

■ 57, 7.364, 302.023

■ 52, 51.569,
118.116

■ 57, 15.154,
302.528

■ 52, 56.673,
118.153

■ 58, 22.887,
303.000

■ 51, 60.444,
118.553

■ 59, 30.549,
303.438

■ 51, 63.094,
119.151

■ 60, 38.129,
303.844

■ 61, 45.617,
304.219

Harmonies

Complementary

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



54, 23.816, 119.793



42, 25.283, 303.560

Rectangle

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



54, 23.816, 119.793



54, 23.816, 169.793



54, 23.816, 299.793



54, 23.816, 349.793

Sweetspot

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



54, 23.817, 119.795



70, 8.696, 121.023



47, 14.834, 47.972



36, 6.017, 120.952



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 23.817, 119.795



68, 35.376, 119.392



53, 27.015, 136.786



28, 4.376, 121.028



50, 61.730, 119.111



1, 1.052, 121.528

Inverse Universe

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



42, 25.283, 303.560



50, 38.179, 304.150



44, 27.417, 319.604



26, 4.455, 302.051



16, 78.617, 308.501



0, 1.052, 301.527

Previews

White Background



This preview shows how the CIELCh color 54, 23.816, 119.793 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, 23.816, 119.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

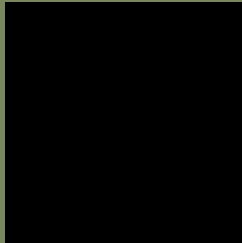
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.816, 119.793

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.816, 119.793.



This preview shows how white text looks on a background with the CIELCh color 54, 23.816, 119.793.

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, 23.816, 119.793

Protanopia

54, 22.124, 95.945

Deuteranopia

54, 20.968, 71.756



Tritanopia
54, 5.773, 290.893

Trichromacy



Original Color
54, 23.816, 119.793

Protanomaly
54, 22.182, 105.152

Deuteranomaly
54, 20.293, 91.365

Tritanomaly
54, 4.884, 128.828

Monochromacy



Original Color
54, 23.816, 119.793

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.789, 119.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.816, 119.793 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(122, 134, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 134, 93)  
}
```

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(122, 134, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 134, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.816, 119.793 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(122, 134, 93) }
```

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

```
.border{ border-color:rgb(122, 134, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 134, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 134, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 134, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 134,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.816, 119.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 134, 93) }
```

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

```
.background{ background-color: rgb(122,  
134, 93) }
```

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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