

Converting Colors

CIELCh(54, 23.658, 107.258)

Have a look what the booklet for
CIELCh(54, 23.658, 107.258)
contains.

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Color

CIELCh(54, 23.811, 108.268)

Conversions

Conversions Part 1

Format	Color
Hex	83845A
RGB	131, 132, 90
RGB Percent	51%, 52%, 35%
CMY	0.4873, 0.4833, 0.6480
CMYK	0.01, 0.00, 0.32, 0.48
HSL	61°, 19%, 43%
HSV	61°, 32%, 52%
XYZ	19.3742, 21.9746, 12.8409
YIQ	126.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

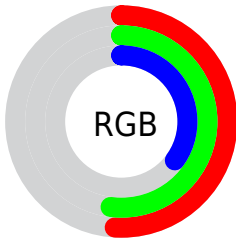
Format	Color
RYB	90, 132, 91
Decimal	8619098
CIELab	54.00, -7.46, 22.61
CIELCh	54, 23.811, 108.268
Yxy	21.9746, 0.3575, 0.4055
Android (android.graphics.Color)	4286809178 (0xFF83845A)
YUV	126.9130, -18.1981, 3.5843
Hunter-Lab	46.8770, -8.2611, 16.5728

Details

The CIELCh color $54, 23.811, 108.268$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 25.664, 294.757$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 24.074, 107.848$, and $34, 23.719, 108.433$ is the 20% darker color. If you saturate the color by 10%, you get $54, 31.000, 107.401$, and if you desaturate by 10%, it is $54, 16.433, 109.165$.

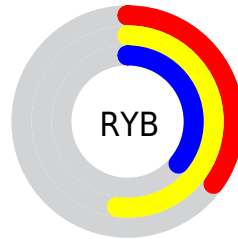
Distribution



Red (51%)

Green (52%)

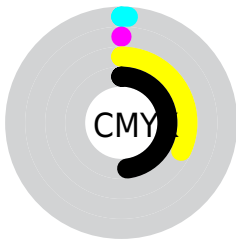
Blue (35%)



Red (35%)

Yellow (52%)

Blue (36%)

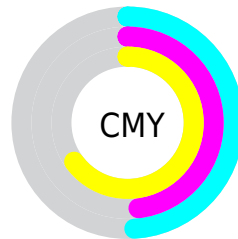


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (48%)



Cyan (49%)

Magenta (48%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.811, 108.268 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, 23.811, 108.268 by changing the saturation by 10% instead.

 54, 23.811,
108.268

 54, 23.811,
108.268

 100, 23.811,
108.268

 44, 23.811,
108.268

 74, 23.811,
108.268

 34, 23.811,
108.268


 84, 23.811,
108.268

 24, 23.811,
108.268

 94, 23.811,
108.268

 14, 23.811,
108.268

 4, 23.811, 108.268

 0, 23.811, 108.268

■ 54, 23.811,
108.268

■ 54, 23.811,
108.268

■ 54, 31.000,
107.401

■ 54, 16.433,
109.165

■ 54, 37.873,
106.577

■ 55, 8.946, 110.062

■ 55, 1.405, 110.929

■ 53, 44.245,
105.829

■ 55, 6.155, 291.836

■ 53, 49.854,
105.197

■ 56, 13.709,
292.677

■ 53, 54.374,
104.720

■ 56, 21.240,
293.488

■ 53, 57.494,
104.439

■ 57, 28.735,
294.264

■ 53, 59.390,
104.296

■ 57, 36.184,
295.001

■ 58, 43.578,
295.699

Harmonies

Complementary

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



54, 23.811, 108.268



40, 25.664, 294.757

Rectangle

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



54, 23.811, 108.268



54, 23.811, 158.268



54, 23.811, 288.268



54, 23.811, 338.268

Sweetspot

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



54, 23.812, 108.271



69, 9.323, 110.209



43, 18.378, 23.213



37, 6.410, 110.102



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, 23.812, 108.271



68, 34.902, 107.659



52, 25.679, 128.230



28, 4.275, 110.306



52, 58.833, 104.294



1, 1.029, 111.120

Inverse Universe

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



40, 25.664, 294.757



47, 38.388, 295.817



42, 26.763, 311.116



25, 4.365, 291.991



13, 81.054, 306.395



0, 1.029, 291.121

Previews

White Background



This preview shows how the CIELCh color 54, 23.811, 108.268 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, 23.811, 108.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

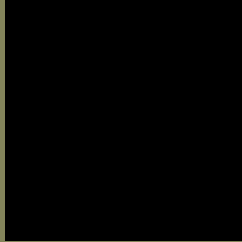
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.811, 108.268

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.811, 108.268.



This preview shows how white text looks on a background with the CIELCh color 54, 23.811, 108.268.

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, 23.811, 108.268

Protanopia

54, 23.320, 95.235

Deuteranopia

54, 22.690, 73.048



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color
54, 23.811, 108.268

Protanomaly
54, 23.519, 99.697

Deuteranomaly
54, 22.162, 86.423

Tritanomaly
54, 5.717, 84.014

Monochromacy



Original Color
54, 23.811, 108.268

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 9.199, 111.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.811, 108.268 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(131, 132, 90)` looks like.

```
.text, #text, p{  
    color:rgb(131, 132, 90)  
}
```

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(131, 132, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 132, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.811, 108.268 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(131, 132, 90) }
```

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

```
.border{ border-color:rgb(131, 132, 90) }
```

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

Here you see how a box with a 4 pixel rgb(131, 132, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 132, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 132, 90);  
box-shadow:4px 4px 4px 4px rgb(131, 132,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.811, 108.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 132, 90) }
```

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

```
.background{ background-color: rgb(131,  
132, 90) }
```

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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