

Converting Colors

CIELCh(54, 23.230, 149.572)

Have a look what the booklet for
CIELCh(54, 23.230, 149.572)
contains.

CIELCh(54, 23.260, 149.556)	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, 23.260, 149.556)

Conversions

Conversions Part 1

Format	Color
Hex	638A6C
RGB	99, 138, 108
RGB Percent	39%, 54%, 42%
CMY	0.6111, 0.4581, 0.5758
CMYK	0.28, 0.00, 0.22, 0.46
HSL	134°, 16%, 47%
HSV	134°, 28%, 54%
XYZ	16.9924, 21.9746, 17.5793
YIQ	122.9190, -13.6140, -17.5980

Conversions

Conversions Part 2

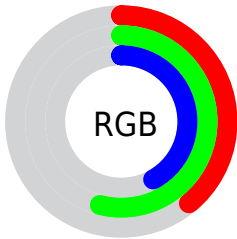
Format	Color
R_{YB}	99, 131, 138
Decimal	6523500
CIE _{Lab}	54.00, -20.05, 11.79
CIE _{LCh}	54, 23.260, 149.556
Yxy	21.9746, 0.3005, 0.3886
Android (android.graphics.Color)	4284713580 (0xFF638A6C)
YUV	122.9190, -7.3551, -20.9770
Hunter-Lab	46.8770, -17.3304, 10.5797

Details

The CIELCh color $54, 23.260, 149.556$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 23.397, 333.428$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 23.627, 148.866$, and $34, 23.550, 148.853$ is the 20% darker color. If you saturate the color by 10%, you get $53, 31.371, 148.593$, and if you desaturate by 10%, it is $55, 15.015, 150.394$.

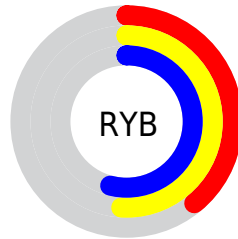
Distribution



Red (39%)

Green (54%)

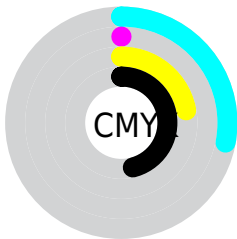
Blue (42%)



Red (39%)

Yellow (51%)

Blue (54%)

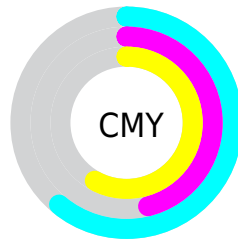


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (46%)



Cyan (61%)


Magenta (46%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 23.260, 149.556 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, 23.260, 149.556 by changing the saturation by 10% instead.


 54, 23.260,
149.556


 54, 23.260,
149.556


 100, 23.260,
149.556


 44, 23.260,
149.556


 74, 23.260,
149.556

 34, 23.260,
149.556

 84, 23.260,
149.556

 24, 23.260,
149.556

 94, 23.260,
149.556

 14, 23.260,
149.556

 4, 23.260, 149.556

 0, 23.260, 149.556

■ 54, 23.260,
149.556

■ 54, 23.260,
149.556

■ 53, 31.371,
148.593

■ 55, 15.015,
150.394

■ 52, 39.205,
147.487

■ 56, 6.748, 151.136

■ 51, 46.606,
146.225

■ 58, 1.447, 331.563

■ 59, 9.504, 332.255

■ 51, 53.411,
144.803

■ 61, 17.375,
332.751

■ 50, 59.461,
143.237

■ 63, 25.028,
333.185

■ 50, 64.618,
141.568


■ 64, 32.448,
333.570

■ 50, 68.850,
139.945

■ 66, 39.626,
333.914

■ 50, 69.530,

139.702

 68, 46.564,
334.224

Harmonies

Complementary

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



54, 23.260, 149.556



47, 23.397, 333.428

Rectangle

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



54, 23.260, 149.556



54, 23.260, 199.556



54, 23.260, 329.556



54, 23.260, 19.556

Sweetspot

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



54, 23.261, 149.556



71, 8.084, 151.141



56, 22.306, 116.816



37, 5.727, 151.044



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, 23.261, 149.556



68, 34.455, 148.946



54, 16.097, 174.474



28, 4.616, 151.070



48, 67.367, 139.777



1, 2.136, 151.628

Inverse Universe

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



47, 23.397, 333.428



57, 34.656, 333.879



46, 17.533, 0.091



27, 4.633, 332.157



29, 59.815, 339.684



0, 2.136, 331.622

Previews

White Background



This preview shows how the CIELCh color 54, 23.260, 149.556 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 CIE LCh color 54, 23.260, 149.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

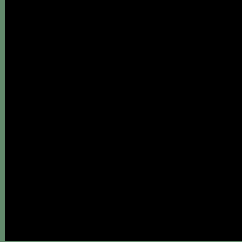
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.260, 149.556

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.260, 149.556.



This preview shows how white text looks on a background with the CIELCh color 54, 23.260, 149.556.

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, 23.260, 149.556

Protanopia

54, 14.851, 93.296

Deuteranopia

54, 12.382, 57.037



Tritanopia
54, 11.426, 232.537

Trichromacy



Original Color
54, 23.260, 149.556

Protanomaly
54, 15.902, 121.970

Deuteranomaly
54, 10.906, 106.614

Tritanomaly
54, 11.908, 187.004

Monochromacy



Original Color
54, 23.260, 149.556

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.794, 152.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.260, 149.556 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(99, 138, 108)` looks like.

```
.text, #text, p{  
    color:rgb(99, 138, 108)  
}
```

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(99, 138, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 138, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.260, 149.556 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(99, 138, 108) }
```

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

```
.border{ border-color:rgb(99, 138, 108) }
```

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

Here you see how a box with a 4 pixel rgb(99, 138, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 138, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 138, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 138,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.260, 149.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 138, 108) }
```

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

```
.background{ background-color: rgb(99, 138,  
108) }
```

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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