

Converting Colors

CIELCh(54, 23.736, 135.614)

Have a look what the booklet for
CIELCh(54, 23.736, 135.614)
contains.

CIELCh(54, 23.894, 135.415)	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, 23.894, 135.415)

Conversions

Conversions Part 1

Format	Color
Hex	6E8964
RGB	110, 137, 100
RGB Percent	43%, 54%, 39%
CMY	0.5702, 0.4644, 0.6094
CMYK	0.20, 0.00, 0.27, 0.46
HSL	104°, 16%, 46%
HSV	104°, 27%, 54%
XYZ	17.5477, 21.9746, 15.2731
YIQ	124.7090, -4.2150, -17.2310

Conversions

Conversions Part 2

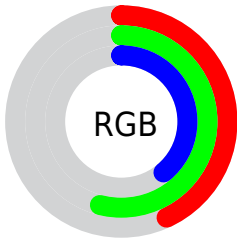
Format	Color
RYB	100, 137, 127
Decimal	7244132
CIELab	54.00, -17.02, 16.77
CIELCh	54, 23.894, 135.415
Yxy	21.9746, 0.3202, 0.4010
Android (android.graphics.Color)	4285434212 (0xFF6E8964)
YUV	124.7090, -12.1815, -12.8998
Hunter-Lab	46.8770, -15.2159, 13.4965

Details

The CIELCh color $54, 23.894, 135.415$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 24.311, 317.793$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 23.626, 135.364$, and $34, 23.774, 135.021$ is the 20% darker color. If you saturate the color by 10%, you get $53, 32.637, 134.865$, and if you desaturate by 10%, it is $55, 15.054, 135.928$.

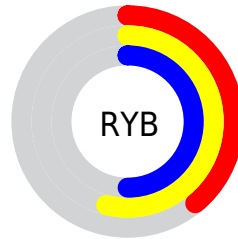
Distribution



Red (43%)

Green (54%)

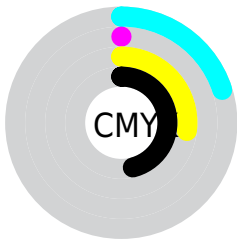
Blue (39%)



Red (39%)

Yellow (54%)

Blue (50%)

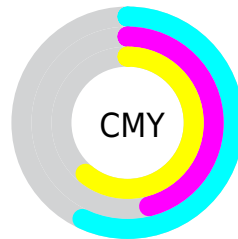


Cyan (20%)

Magenta (0%)

Yellow (27%)

Black (46%)



Cyan (57%)


Magenta (46%)


Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 23.894, 135.415 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, 23.894, 135.415 by changing the saturation by 10% instead.


 54, 23.894,
135.415


 54, 23.894,
135.415


 100, 23.894,
135.415

 44, 23.894,
135.415


 74, 23.894,
135.415

 34, 23.894,
135.415

 84, 23.894,
135.415

 24, 23.894,
135.415

 94, 23.894,
135.415

 14, 23.894,
135.415

 4, 23.894, 135.415

 0, 23.894, 135.415

■ 54, 23.894,
135.415

■ 54, 23.894,
135.415

■ 53, 32.637,
134.865

■ 55, 15.054,
135.928

■ 52, 41.143,
134.295

■ 56, 6.211, 136.401

■ 52, 49.229,
133.743

■ 57, 2.563, 316.730

■ 51, 56.646,
133.276

■ 59, 11.215,
317.131

■ 50, 63.073,
132.989

■ 60, 19.712,
317.448

■ 50, 68.154,
133.000

■ 61, 28.031,
317.720

■ 50, 71.767,
133.319

■ 63, 36.156,
317.954

■ 50, 72.737,

■ 64, 44.083,
318.155

133.368

■ 66, 51.807,
318.326

Harmonies

Complementary

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



54, 23.894, 135.415



46, 24.311, 317.793

Rectangle

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



54, 23.894, 135.415



54, 23.894, 185.415



54, 23.894, 315.415



54, 23.894, 5.415

Sweetspot

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



54, 23.895, 135.416



72, 8.744, 136.350



53, 15.902, 91.664



37, 6.194, 136.287



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, 23.895, 135.416



69, 35.107, 135.109



54, 22.333, 149.171



29, 4.993, 136.304



48, 71.162, 133.333



1, 2.313, 136.673

Inverse Universe

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



46, 24.311, 317.793



57, 35.840, 318.030



47, 22.447, 332.814



27, 5.028, 317.027



24, 73.201, 318.565



0, 2.314, 316.669

Previews

White Background



This preview shows how the CIELCh color 54, 23.894, 135.415 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, 23.894, 135.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

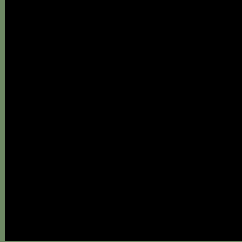
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 23.894, 135.415

Background



This preview shows how black text looks on a background with the CIELCh color 54, 23.894, 135.415.



This preview shows how white text looks on a background with the CIELCh color 54, 23.894, 135.415.

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

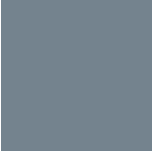
54, 23.894, 135.415

Protanopia

54, 19.265, 96.049

Deuteranopia

54, 17.124, 67.134



Tritanopia
54, 8.318, 248.956

Trichromacy



Original Color
54, 23.894, 135.415

Protanomaly
54, 19.992, 112.633

Deuteranomaly
54, 16.228, 99.017

Tritanomaly
54, 8.203, 173.631

Monochromacy



Original Color
54, 23.894, 135.415

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 9.069, 135.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 23.894, 135.415 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(110, 137, 100)` looks like.

```
.text, #text, p{  
    color:rgb(110, 137, 100)  
}
```

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(110, 137, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 137, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 23.894, 135.415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

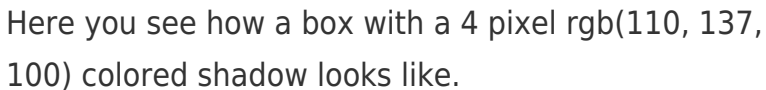
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 137, 100) }
```

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

```
.border{ border-color:rgb(110, 137, 100) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 137, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 137, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 137, 100);  
box-shadow:4px 4px 4px 4px rgb(110, 137,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 23.894, 135.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 137, 100) }
```

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

```
.background{ background-color: rgb(110,  
137, 100) }
```

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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