

Converting Colors

CIELCh(54, 42.649, 24.940)

Have a look what the booklet for
CIELCh(54, 42.649, 24.940) contains.

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Color

CIELCh(54, 42.553, 24.934)

Conversions

Conversions Part 1

Format	Color
Hex	C56464
RGB	197, 100, 100
RGB Percent	77%, 39%, 39%
CMY	0.2266, 0.6071, 0.6071
CMYK	0.00, 0.49, 0.49, 0.23
HSL	0°, 46%, 58%
HSV	0°, 49%, 77%
XYZ	29.9679, 21.9746, 14.7646
YIQ	129.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

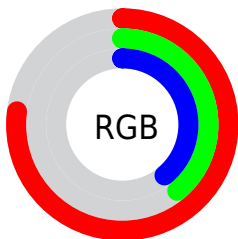
Format	Color
R_{YB}	197, 100, 100
Decimal	12936292
CIE _{Lab}	54.00, 38.59, 17.94
CIE _{LCh}	54, 42.553, 24.934
Yxy	21.9746, 0.4492, 0.3294
Android (android.graphics.Color)	4291126372 (0xFFC56464)
YUV	129.0030, -14.2985, 59.6334
Hunter-Lab	46.8770, 32.0780, 14.1397

Details

The CIELCh color **54, 42.553, 24.934** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 29.779, 197.218**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 41.733, 24.806**, and **34, 42.633, 25.177** is the 20% darker color. If you saturate the color by 10%, you get **50, 52.489, 27.232**, and if you desaturate by 10%, it is **59, 32.859, 23.166**.

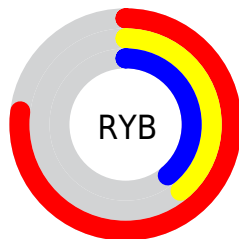
Distribution



Red (77%)

Green (39%)

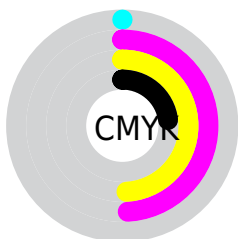
Blue (39%)



Red (77%)

Yellow (39%)

Blue (39%)

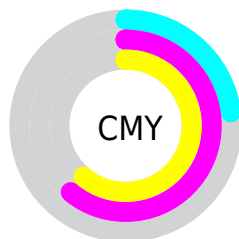


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (23%)



Cyan (23%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 42.553, 24.934 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, 42.553, 24.934 by changing the saturation by 10% instead.

■ 54, 42.553, 24.934

■ 54, 42.553, 24.934

■ 100, 42.553,
24.934

■ 44, 42.553, 24.934

■ 74, 42.553, 24.934

■ 34, 42.553, 24.934

■ 84, 42.553, 24.934

■ 24, 42.553, 24.934

■ 94, 42.553, 24.934

■ 14, 42.553, 24.934

■ 4, 42.553, 24.934

■ 0, 42.553, 24.934

■ 54, 42.553, 24.934

■ 54, 42.553, 24.934

■ 50, 52.489, 27.232

■ 59, 32.859, 23.166

■ 46, 62.370, 30.125

■ 64, 23.621, 21.808

44, 71.766, 33.549

69, 14.951, 20.760

42, 79.908, 37.048

74, 6.890, 19.921

41, 85.710, 39.775

80, 0.573, 200.334

41, 86.181, 40.002

86, 7.474, 198.967

91, 13.867,
198.547

96, 18.946,
198.254

Harmonies

Complementary

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



54, 42.553, 24.934



74, 29.779, 197.218

Rectangle

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



54, 42.553, 24.934



54, 42.553, 74.934



54, 42.553, 204.934



54, 42.553, 254.934

Sweetspot

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



54, 42.551, 24.937



90, 14.166, 20.409



57, 62.257, 326.994



46, 9.746, 20.594



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 42.551, 24.937



64, 64.535, 27.414



65, 34.866, 69.285



39, 4.278, 19.935



34, 74.642, 39.778



3, 15.883, 19.413

Inverse Universe

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



74, 29.779, 197.218



92, 41.308, 196.913



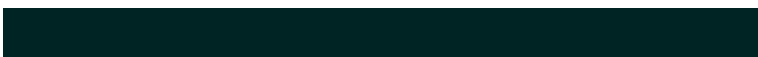
60, 30.243, 264.631



41, 4.034, 198.993



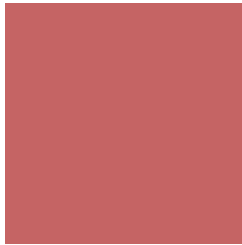
61, 35.880, 196.411



12, 12.981, 196.405

Previews

White Background



This preview shows how the CIELCh color 54, 42.553, 24.934 looks on a white background.

Color Contrast Check

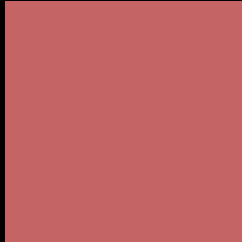
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.553, 24.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

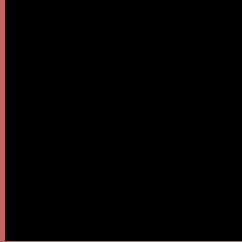
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 42.553, 24.934

Background



This preview shows how black text looks on a background with the CIELCh color 54, 42.553, 24.934.

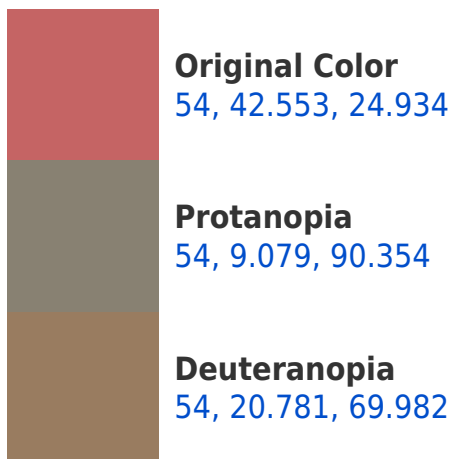


This preview shows how white text looks on a background with the CIELCh color 54, 42.553, 24.934.

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





Tritanopia
54, 42.612, 19.947

Trichromacy



Original Color
54, 42.553, 24.934

Protanomaly
54, 17.899, 39.635

Deuteranomaly
54, 26.303, 43.238

Tritanomaly
54, 42.821, 21.440

Monochromacy



Original Color
54, 42.553, 24.934

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.642, 21.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 42.553, 24.934 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(197, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(197, 100, 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(197, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 100, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 42.553, 24.934 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(197, 100, 100) }
```

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

```
.border{ border-color:rgb(197, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(197, 100,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 42.553, 24.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 100, 100) }
```

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

```
.background{ background-color: rgb(197,  
100, 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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