

Converting Colors

CIELCh(54, 39.645, 24.521)

Have a look what the booklet for
CIELCh(54, 39.645, 24.521) contains.

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Color

CIELCh(54, 39.325, 24.413)

Conversions

Conversions Part 1

Format	Color
Hex	C16767
RGB	193, 103, 103
RGB Percent	76%, 40%, 40%
CMY	0.2437, 0.5965, 0.5965
CMYK	0.00, 0.47, 0.47, 0.24
HSL	360°, 42%, 58%
HSV	360°, 47%, 76%
XYZ	29.2400, 21.9746, 15.5033
YIQ	129.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

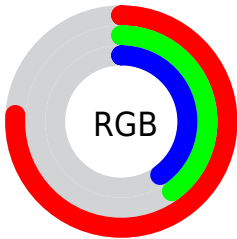
Format	Color
RYB	193, 103, 103
Decimal	12674919
CIELab	54.00, 35.81, 16.25
CIElCh	54, 39.325, 24.413
Yxy	21.9746, 0.4383, 0.3294
Android (android.graphics.Color)	4290864999 (0xFFC16767)
YUV	129.9100, -13.2666, 55.3299
Hunter-Lab	46.8770, 29.3063, 13.2054

Details

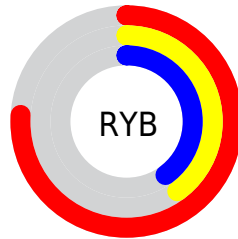
The CIELCh color **54, 39.325, 24.413** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **73, 28.122, 197.286**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.109, 24.599**, and **34, 39.379, 24.713** is the 20% darker color. If you saturate the color by 10%, you get **50, 49.044, 26.561**, and if you desaturate by 10%, it is **59, 29.905, 22.765**.

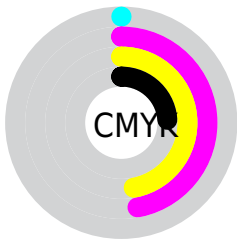
Distribution



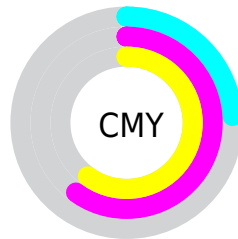
- Red (76%)
- Green (40%)
- Blue (40%)



- Red (76%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (47%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 39.325, 24.413 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, 39.325, 24.413 by changing the saturation by 10% instead.

 54, 39.325, 24.413

 54, 39.325, 24.413

 100, 39.325,
24.413

 44, 39.325, 24.413

 74, 39.325, 24.413

 34, 39.325, 24.413

 84, 39.325, 24.413

 24, 39.325, 24.413

 94, 39.325, 24.413

 14, 39.325, 24.413

 4, 39.325, 24.413

 0, 39.325, 24.413

 54, 39.325, 24.413

 54, 39.325, 24.413

 50, 49.044, 26.561

 59, 29.905, 22.765

 46, 58.797, 29.292

 64, 20.970, 21.499

43, 68.202, 32.594

69, 12.608, 20.516

41, 76.639, 36.151

74, 4.843, 19.702

40, 82.856, 39.071

80, 2.341, 199.461

40, 84.760, 40.000

85, 8.988, 198.833

91, 15.149,
198.443

96, 20.251,
198.172

Harmonies

Complementary

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



54, 39.325, 24.413



73, 28.122, 197.286

Rectangle

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



54, 39.325, 24.413



54, 39.325, 74.413



54, 39.325, 204.413



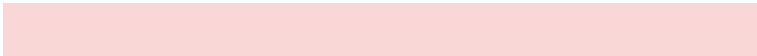
54, 39.325, 254.413

Sweetspot

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



54, 39.323, 24.416



89, 12.957, 20.309



57, 58.085, 326.380



46, 9.020, 20.494



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 39.323, 24.416



64, 59.861, 26.617



64, 32.122, 67.939



38, 4.188, 19.920



33, 73.727, 39.723



3, 13.999, 19.404

Inverse Universe

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



54, 39.323, 24.416



64, 59.861, 26.617



60, 27.675, 262.026



38, 4.188, 19.920



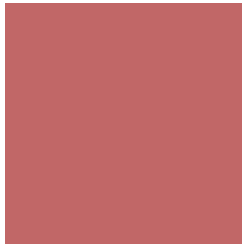
33, 73.727, 39.723



3, 13.999, 19.404

Previews

White Background



This preview shows how the CIELCh color 54, 39.325, 24.413 looks on a white background.

Color Contrast Check

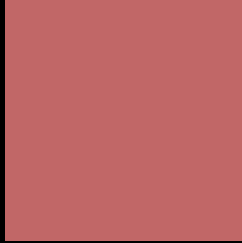
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.325, 24.413 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, 39.325, 24.413

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.325, 24.413.



This preview shows how white text looks on a background with the CIELCh color 54, 39.325, 24.413.

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, 39.325, 24.413

Protanopia

54, 7.854, 90.799

Deuteranopia

54, 19.093, 68.226



Tritanopia
54, 39.058, 18.862

Trichromacy



Original Color
54, 39.325, 24.413

Protanomaly
54, 16.368, 39.200

Deuteranomaly
54, 24.691, 43.166

Tritanomaly
54, 39.232, 20.500

Monochromacy



Original Color
54, 39.325, 24.413

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 13.761, 20.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.325, 24.413 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(193, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(193, 103, 103)  
}
```

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(193, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 103, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.325, 24.413 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(193, 103, 103) }
```

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

```
.border{ border-color:rgb(193, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(193, 103,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.325, 24.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 103, 103) }
```

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

```
.background{ background-color: rgb(193,  
103, 103) }
```

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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