

Converting Colors

CIELCh(54, 40.466, 4.092)

Have a look what the booklet for
CIELCh(54, 40.466, 4.092) contains.

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Color

CIELCh(54, 40.428, 4.042)

Conversions

Conversions Part 1

Format	Color
Hex	C2647E
RGB	194, 100, 126
RGB Percent	76%, 39%, 49%
CMY	0.2406, 0.6091, 0.5071
CMYK	0.00, 0.49, 0.35, 0.24
HSL	343°, 43%, 58%
HSV	343°, 49%, 76%
XYZ	30.4301, 21.9746, 22.2714
YIQ	131.0700, 47.6780, 28.0140

Conversions

Conversions Part 2

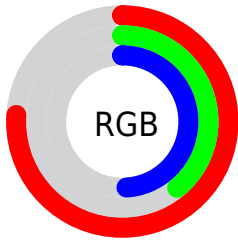
Format	Color
RYB	194, 100, 126
Decimal	12739710
CIELab	54.00, 40.33, 2.85
CIELCh	54, 40.428, 4.042
Yxy	21.9746, 0.4075, 0.2943
Android (android.graphics.Color)	4290929790 (0xFFC2647E)
YUV	131.0700, -2.4995, 55.1896
Hunter-Lab	46.8770, 33.8380, 4.6451

Details

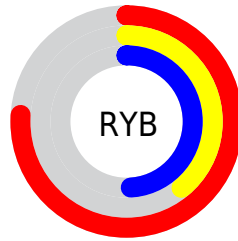
The CIELCh color **54, 40.428, 4.042** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 34.495, 172.471**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.561, 3.714**, and **34, 40.191, 4.184** is the 20% darker color. If you saturate the color by 10%, you get **50, 48.584, 6.321**, and if you desaturate by 10%, it is **59, 31.900, 2.211**.

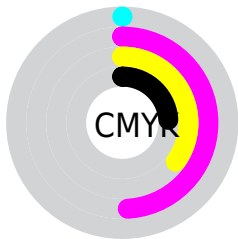
Distribution



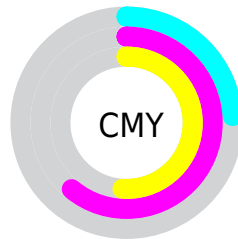
- Red (76%)
- Green (39%)
- Blue (49%)



- Red (76%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (49%)
- Yellow (35%)
- Black (24%)



- Cyan (24%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 40.428, 4.042 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, 40.428, 4.042 by changing the saturation by 10% instead.

 54, 40.428, 4.042  54, 40.428, 4.042

 100, 40.428, 4.042  44, 40.428, 4.042

 74, 40.428, 4.042  34, 40.428, 4.042

 84, 40.428, 4.042  24, 40.428, 4.042

 94, 40.428, 4.042  14, 40.428, 4.042

 4, 40.428, 4.042

 0, 40.428, 4.042

 54, 40.428, 4.042  54, 40.428, 4.042

 50, 48.584, 6.321  59, 31.900, 2.211

 46, 56.008, 9.192  63, 23.311, 0.704

44, 62.356, 12.824

68, 14.868,
359.436

42, 67.460, 17.344

74, 6.698, 358.325

41, 71.592, 22.621

79, 1.131, 177.884

41, 72.223, 23.386

85, 8.599, 176.701

90, 15.707,
175.947

96, 22.472,
175.282

96, 20.261,
193.402

Harmonies

Complementary

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



54, 40.428, 4.042



72, 34.495, 172.471

Rectangle

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



54, 40.428, 4.042



54, 40.428, 54.042



54, 40.428, 184.042



54, 40.428, 234.042

Sweetspot

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



54, 40.425, 4.044



89, 14.836, 359.059



53, 57.817, 318.274



47, 10.249, 359.305



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, 40.425, 4.044



64, 59.698, 6.425



58, 35.320, 41.247



38, 4.468, 358.417



33, 62.557, 22.514



3, 14.528, 4.653

Inverse Universe

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



54, 40.425, 4.044



64, 59.698, 6.425



67, 24.712, 225.142



38, 4.468, 358.417



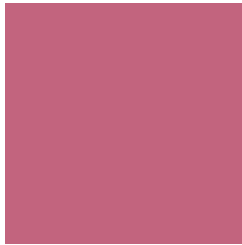
33, 62.557, 22.514



3, 14.528, 4.653

Previews

White Background



This preview shows how the CIELCh color 54, 40.428, 4.042 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, 40.428, 4.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

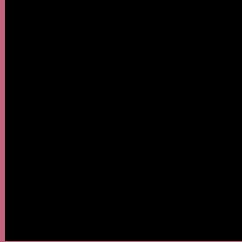
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 40.428, 4.042

Background



This preview shows how black text looks on a background with the CIELCh color 54, 40.428, 4.042.



This preview shows how white text looks on a background with the CIELCh color 54, 40.428, 4.042.

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, 40.428, 4.042

Protanopia

54, 8.071, 288.478

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 38.155, 18.568

Trichromacy



Original Color
54, 40.428, 4.042

Protanomaly
53, 17.338, 342.416

Deuteranomaly
54, 19.857, 10.233

Tritanomaly
54, 38.736, 13.043

Monochromacy



Original Color
54, 40.428, 4.042

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.727, 0.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 40.428, 4.042 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(194, 100, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 100, 126)  
}
```

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(194, 100, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 100, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 40.428, 4.042 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(194, 100, 126) }
```

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

```
.border{ border-color:rgb(194, 100, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 100, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 100, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 100, 126);  
box-shadow:4px 4px 4px 4px rgb(194, 100,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 40.428, 4.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 100, 126) }
```

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

```
.background{ background-color: rgb(194,  
100, 126) }
```

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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