

Converting Colors

CIELCh(43, 38.422, 353.245)

Have a look what the booklet for
CIELCh(43, 38.422, 353.245)
contains.

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Color

CIELCh(43, 38.611, 353.163)

Conversions

Conversions Part 1

Format	Color
Hex	9C4A6E
RGB	156, 74, 110
RGB Percent	61%, 29%, 43%
CMY	0.3872, 0.7088, 0.5677
CMYK	0.00, 0.52, 0.29, 0.39
HSL	334°, 36%, 45%
HSV	334°, 52%, 61%
XYZ	19.0572, 13.1578, 16.3577
YIQ	102.6220, 37.3160, 28.5800

Conversions

Conversions Part 2

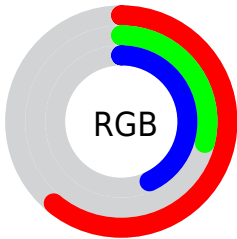
Format	Color
R_{YB}	156, 74, 110
Decimal	10242670
CIE Lab	43.00, 38.34, -4.60
CIE LCh	43, 38.611, 353.163
Yxy	13.1578, 0.3923, 0.2709
Android (android.graphics.Color)	4288432750 (0xFF9C4A6E)
YUV	102.6220, 3.6374, 46.8125
Hunter-Lab	36.2736, 30.3004, -1.3455

Details

The CIELCh color $43, 38.611, 353.163$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $59, 35.686, 161.494$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 39.086, 352.755$, and $23, 38.624, 352.867$ is the 20% darker color. If you saturate the color by 10%, you get $40, 45.052, 355.052$, and if you desaturate by 10%, it is $47, 31.509, 351.607$.

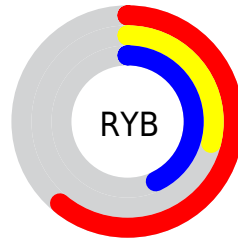
Distribution



Red (61%)

Green (29%)

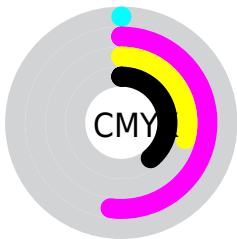
Blue (43%)



Red (61%)

Yellow (29%)

Blue (43%)

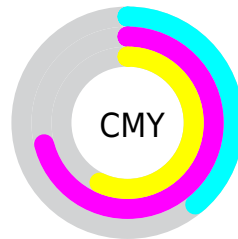


Cyan (0%)

Magenta (52%)

Yellow (29%)

Black (39%)



Cyan (39%)


Magenta (71%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 38.611, 353.163 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 43, 38.611, 353.163 by changing the saturation by 10% instead.


 43, 38.611,
353.163


 43, 38.611,
353.163


 100, 38.611,
353.163


 33, 38.611,
353.163

 63, 38.611,
353.163


 23, 38.611,
353.163

 73, 38.611,
353.163

 13, 38.611,
353.163

 83, 38.611,
353.163

 3, 38.611, 353.163

 93, 38.611,
353.163

 0, 38.611, 353.163

 43, 38.611,

 43, 38.611,

353.163

40, 45.052,
355.052

37, 50.475,
357.393

35, 54.554, 0.341

34, 57.146, 4.059

33, 58.563, 7.203

353.163

47, 31.509,
351.607

51, 24.072,
350.291

55, 16.540,
349.152

59, 9.077, 348.140

63, 1.783, 347.094

68, 5.284, 166.562

72, 12.101,
165.798

77, 18.663,
165.122

81, 24.975,

Harmonies

Complementary

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



43, 38.611, 353.163



59, 35.686, 161.494

Rectangle

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



43, 38.611, 353.163



43, 38.611, 43.163



43, 38.611, 173.163



43, 38.611, 223.163

Sweetspot

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



43, 38.609, 353.164



73, 14.524, 348.516



40, 51.519, 313.210



37, 9.805, 348.706



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 38.609, 353.164



51, 56.158, 355.426



43, 36.375, 28.560



31, 4.132, 347.830



30, 54.823, 6.789



1, 5.260, 348.425

Inverse Universe

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



43, 38.609, 353.164



51, 56.158, 355.426



58, 24.609, 202.731



31, 4.132, 347.830



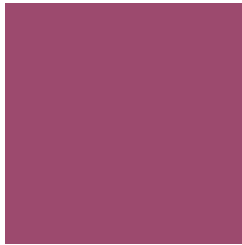
30, 54.823, 6.789



1, 5.260, 348.425

Previews

White Background



This preview shows how the CIELCh color 43, 38.611, 353.163 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 38.611, 353.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

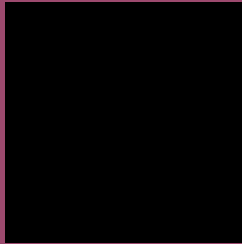
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 38.611, 353.163

Background



This preview shows how black text looks on a background with the CIELCh color 43, 38.611, 353.163.



This preview shows how white text looks on a background with the CIELCh color 43, 38.611, 353.163.

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
43, 38.611, 353.163

Protanopia
43, 16.291, 286.040

Deuteranopia
43, 6.213, 337.629



Tritanopia
43, 33.597, 18.782

Trichromacy



Original Color
43, 38.611, 353.163

Protanomaly
42, 21.513, 322.027

Deuteranomaly
43, 18.687, 346.993

Tritanomaly
43, 34.707, 8.668

Monochromacy



Original Color
43, 38.611, 353.163

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.368, 348.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 38.611, 353.163 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(156, 74, 110)` looks like.

```
.text, #text, p{  
    color:rgb(156, 74, 110)  
}
```

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(156, 74, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 74, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 38.611, 353.163 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(156, 74, 110) }
```

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

```
.border{ border-color:rgb(156, 74, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 74, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 74, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 74, 110);  
box-shadow:4px 4px 4px 4px rgb(156, 74,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 38.611, 353.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 74, 110) }
```

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

```
.background{ background-color: rgb(156, 74,  
110) }
```

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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