

Converting Colors

CIELCh(43, 42.603, 4.703)

Have a look what the booklet for
CIELCh(43, 42.603, 4.703) contains.

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Color

CIELCh(43, 42.514, 4.931)

Conversions

Conversions Part 1

Format	Color
Hex	A54561
RGB	165, 69, 97
RGB Percent	65%, 27%, 38%
CMY	0.3523, 0.7288, 0.6190
CMYK	0.00, 0.58, 0.41, 0.35
HSL	343°, 41%, 46%
HSV	343°, 58%, 65%
XYZ	19.8535, 13.1578, 12.8374
YIQ	100.8960, 48.2280, 29.0600

Conversions

Conversions Part 2

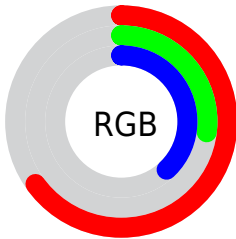
Format	Color
R_{YB}	165, 69, 97
Decimal	10831201
CIE _{Lab}	43.00, 42.36, 3.65
CIE _{LCh}	43, 42.514, 4.931
Yxy	13.1578, 0.4330, 0.2870
Android (android.graphics.Color)	4289021281 (0xFFA54561)
YUV	100.8960, -1.9207, 56.2192
Hunter-Lab	36.2736, 34.2186, 4.4086

Details

The CIELCh color **43, 42.514, 4.931** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 35.687, 170.166**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 42.530, 5.196**, and **23, 42.439, 4.840** is the 20% darker color. If you saturate the color by 10%, you get **40, 49.056, 7.654**, and if you desaturate by 10%, it is **47, 35.332, 2.764**.

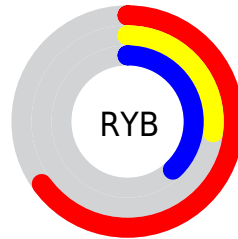
Distribution



Red (65%)

Green (27%)

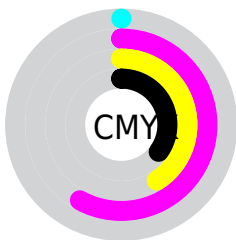
Blue (38%)



Red (65%)

Yellow (27%)

Blue (38%)

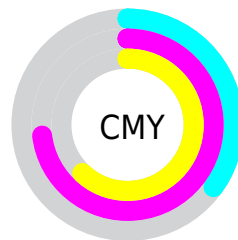


Cyan (0%)

Magenta (58%)

Yellow (41%)

Black (35%)



Cyan (35%)


Magenta (73%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 42.514, 4.931 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, 42.514, 4.931 by changing the saturation by 10% instead.

 43, 42.514, 4.931  43, 42.514, 4.931

 100, 42.514, 4.931  33, 42.514, 4.931

 63, 42.514, 4.931  23, 42.514, 4.931

 73, 42.514, 4.931  13, 42.514, 4.931

 83, 42.514, 4.931  3, 42.514, 4.931

 93, 42.514, 4.931  0, 42.514, 4.931

 43, 42.514, 4.931  43, 42.514, 4.931

 40, 49.056, 7.654  47, 35.332, 2.764

 37, 54.656, 11.089  51, 27.837, 1.007

 36, 59.136, 15.381  55, 20.283,

35, 62.729, 20.427

359.554

34, 63.431, 21.348

59, 12.851,
358.321

64, 5.649, 357.233

69, 1.266, 176.722

73, 7.873, 175.638

78, 14.173,
174.892

83, 20.179,
174.232

Harmonies

Complementary

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



43, 42.514, 4.931



62, 35.687, 170.166

Rectangle

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



43, 42.514, 4.931



43, 42.514, 54.931



43, 42.514, 184.931



43, 42.514, 234.931

Sweetspot

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



43, 42.511, 4.933



76, 14.867, 358.228



42, 60.182, 318.033



39, 9.961, 358.443



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 42.511, 4.933



51, 61.807, 8.650



46, 38.841, 40.293



32, 3.901, 357.353



30, 57.551, 20.677



1, 5.879, 358.496

Inverse Universe

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



43, 42.511, 4.933



51, 61.807, 8.650



57, 24.893, 223.977



32, 3.901, 357.353



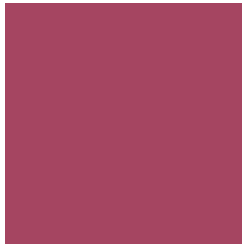
30, 57.551, 20.677



1, 5.879, 358.496

Previews

White Background



This preview shows how the CIELCh color 43, 42.514, 4.931 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 CIE LCh color 43, 42.514, 4.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

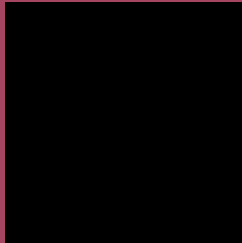
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 42.514, 4.931

Background



This preview shows how black text looks on a background with the CIELCh color 43, 42.514, 4.931.

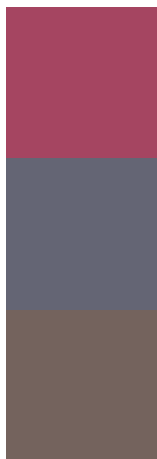


This preview shows how white text looks on a background with the CIELCh color 43, 42.514, 4.931.

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, 42.514, 4.931

Protanopia

43, 9.028, 289.013

Deuteranopia

43, 8.247, 45.865



Tritanopia
43, 41.117, 22.204

Trichromacy



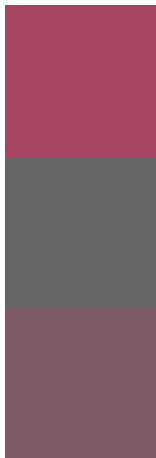
Original Color
43, 42.514, 4.931

Protanomaly
42, 18.716, 342.260

Deuteranomaly
43, 20.389, 10.694

Tritanomaly
43, 40.805, 15.908

Monochromacy



Original Color
43, 42.514, 4.931

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 16.231, 357.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 42.514, 4.931 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(165, 69, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 69, 97)  
}
```

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(165, 69, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 69, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 42.514, 4.931 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(165, 69, 97) }
```

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

```
.border{ border-color:rgb(165, 69, 97) }
```

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

Here you see how a box with a 4 pixel rgb(165, 69, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 69, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 69, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 69,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 42.514, 4.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 69, 97) }
```

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

```
.background{ background-color: rgb(165, 69,  
97) }
```

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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