

Converting Colors

CIELCh(43, 37.478, 354.102)

Have a look what the booklet for
CIELCh(43, 37.478, 354.102)
contains.

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Color

CIELCh(43, 37.534, 353.932)

Conversions

Conversions Part 1

Format	Color
Hex	9B4B6D
RGB	155, 75, 109
RGB Percent	61%, 29%, 43%
CMY	0.3913, 0.7051, 0.5718
CMYK	0.00, 0.52, 0.30, 0.39
HSL	335°, 35%, 45%
HSV	335°, 52%, 61%
XYZ	18.8601, 13.1578, 16.0692
YIQ	102.7960, 36.7660, 27.5340

Conversions

Conversions Part 2

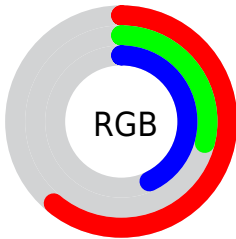
Format	Color
R_{YB}	155, 75, 109
Decimal	10177389
CIE Lab	43.00, 37.32, -3.97
CIE LCh	43, 37.534, 353.932
Yxy	13.1578, 0.3922, 0.2736
Android (android.graphics.Color)	4288367469 (0xFF9B4B6D)
YUV	102.7960, 3.0586, 45.7829
Hunter-Lab	36.2736, 29.3302, -0.8739

Details

The CIELCh color $[43, 37.534, 353.932]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[58, 34.509, 162.432]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 37.799, 354.291]$, and $[23, 37.748, 353.494]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 44.018, 355.833]$, and if you desaturate by 10%, it is $[47, 30.446, 352.367]$.

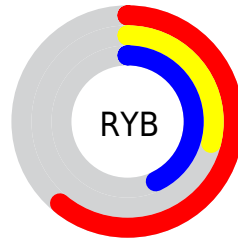
Distribution



Red (61%)

Green (29%)

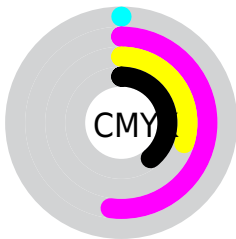
Blue (43%)



Red (61%)

Yellow (29%)

Blue (43%)

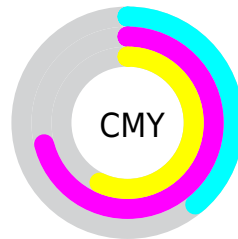


Cyan (0%)

Magenta (52%)

Yellow (30%)

Black (39%)



Cyan (39%)


Magenta (71%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.534, 353.932 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, 37.534, 353.932 by changing the saturation by 10% instead.


 43, 37.534,
353.932


 43, 37.534,
353.932


 100, 37.534,
353.932


 33, 37.534,
353.932

 63, 37.534,
353.932


 23, 37.534,
353.932

 73, 37.534,
353.932

 13, 37.534,
353.932

 83, 37.534,
353.932

 3, 37.534, 353.932

 93, 37.534,
353.932

 0, 37.534, 353.932

 43, 37.534,

 43, 37.534,

353.932

353.932

40, 44.018,
355.833

47, 30.446,
352.367

37, 49.548,
358.189

51, 23.066,
351.045

35, 53.797, 1.156

55, 15.623,
349.902

33, 56.604, 4.899

59, 8.269, 348.885

33, 58.306, 8.514

63, 1.097, 347.715

68, 5.843, 167.305

72, 12.529,
166.547

77, 18.959,
165.874

81, 25.142,

Harmonies

Complementary

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



43, 37.534, 353.932



58, 34.509, 162.432

Rectangle

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



43, 37.534, 353.932



43, 37.534, 43.932



43, 37.534, 173.932



43, 37.534, 223.932

Sweetspot

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



43, 37.532, 353.933



73, 13.347, 349.254



40, 50.397, 313.683



38, 9.202, 349.453



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, 37.532, 353.933



51, 54.599, 356.187



43, 34.975, 29.525



30, 3.985, 348.658



29, 54.127, 8.030



1, 4.232, 348.333

Inverse Universe

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



43, 37.532, 353.933



51, 54.599, 356.187



58, 23.780, 204.725



30, 3.985, 348.658



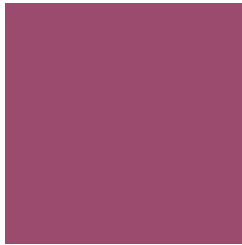
29, 54.127, 8.030



1, 4.232, 348.333

Previews

White Background



This preview shows how the CIELCh color 43, 37.534, 353.932 looks on a white background.

Color Contrast Check

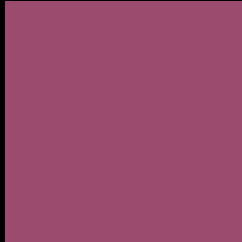
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.534, 353.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

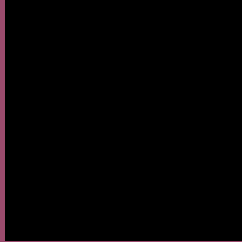
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.534, 353.932

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.534, 353.932.



This preview shows how white text looks on a background with the CIELCh color 43, 37.534, 353.932.

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, 37.534, 353.932

Protanopia

43, 15.103, 285.306

Deuteranopia

43, 6.163, 344.466



Tritanopia
43, 32.657, 18.412

Trichromacy



Original Color
43, 37.534, 353.932

Protanomaly
43, 19.784, 323.619

Deuteranomaly
43, 18.393, 348.581

Tritanomaly
43, 33.816, 9.021

Monochromacy



Original Color
43, 37.534, 353.932

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.087, 350.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.534, 353.932 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(155, 75, 109)` looks like.

```
.text, #text, p{  
    color:rgb(155, 75, 109)  
}
```

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(155, 75, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 75, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.534, 353.932 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(155, 75, 109) }
```

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

```
.border{ border-color:rgb(155, 75, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 75, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 75, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 75, 109);  
box-shadow:4px 4px 4px 4px rgb(155, 75,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.534, 353.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 75, 109) }
```

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

```
.background{ background-color: rgb(155, 75,  
109) }
```

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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