

Converting Colors

CIELCh(43, 53.046, 333.379)

Have a look what the booklet for
CIELCh(43, 53.046, 333.379)
contains.

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Color

CIELCh(43, 53.041, 333.356)

Conversions

Conversions Part 1

Format	Color
Hex	9E438E
RGB	158, 67, 142
RGB Percent	62%, 26%, 56%
CMY	0.3817, 0.7384, 0.4443
CMYK	0.00, 0.58, 0.10, 0.38
HSL	311°, 41%, 44%
HSV	311°, 58%, 62%
XYZ	20.8851, 13.1578, 26.9096
YIQ	102.7590, 30.1610, 42.6170

Conversions

Conversions Part 2

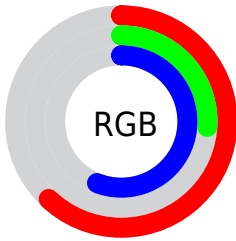
Format	Color
R _Y B	158, 67, 142
Decimal	10371982
CIE Lab	43.00, 47.41, -23.79
CIE LCh	43, 53.041, 333.356
Yxy	13.1578, 0.3426, 0.2159
Android (android.graphics.Color)	4288562062 (0xFF9E438E)
YUV	102.7590, 19.3458, 48.4464
Hunter-Lab	36.2736, 39.2951, -18.5927

Details

The CIELCh color **43, 53.041, 333.356** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **58, 53.550, 144.430**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 52.909, 333.446**, and **23, 52.983, 333.644** is the 20% darker color. If you saturate the color by 10%, you get **40, 59.944, 334.047**, and if you desaturate by 10%, it is **46, 44.916, 332.684**.

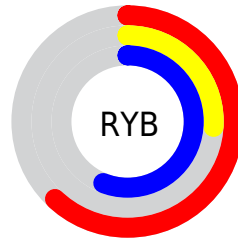
Distribution



Red (62%)

Green (26%)

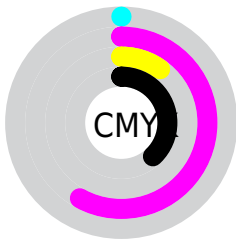
Blue (56%)



Red (62%)

Yellow (26%)

Blue (56%)

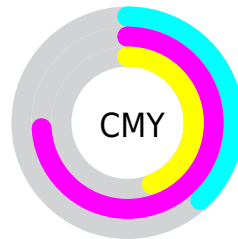


Cyan (0%)

Magenta (58%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (74%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.041, 333.356 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, 53.041, 333.356 by changing the saturation by 10% instead.


 43, 53.041,
333.356


 43, 53.041,
333.356


 100, 53.041,
333.356


 33, 53.041,
333.356

 63, 53.041,
333.356


 23, 53.041,
333.356

 73, 53.041,
333.356

 13, 53.041,
333.356

 83, 53.041,
333.356

 3, 53.041, 333.356

 93, 53.041,
333.356

 0, 53.041, 333.356

 43, 53.041,

 43, 53.041,

333.356

40, 59.944,
334.047

38, 65.233,
334.769

37, 68.614,
335.544

36, 70.186,
336.392

36, 70.481,
336.589

333.356

46, 44.916,
332.684

50, 35.976,
332.026

53, 26.567,
331.380

57, 16.957,
330.746

62, 7.337, 330.116

66, 2.163, 149.678

70, 11.464,
149.017

75, 20.522,
148.467

■ 79, 29.317,
147.949

Harmonies

Complementary

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



43, 53.041, 333.356



58, 53.550, 144.430

Rectangle

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



43, 53.041, 333.356



43, 53.041, 23.356



43, 53.041, 153.356



43, 53.041, 203.356

Sweetspot

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



43, 53.039, 333.356



73, 20.085, 330.722



34, 56.589, 302.718



37, 13.412, 330.837



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, 53.039, 333.356



51, 74.439, 334.231



41, 40.973, 1.643



31, 5.405, 330.215



32, 65.625, 336.505



1, 6.878, 330.737

Inverse Universe

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



43, 53.039, 333.356



51, 74.439, 334.231



59, 35.482, 167.304



31, 5.405, 330.215



32, 65.625, 336.505



1, 6.878, 330.737

Previews

White Background



This preview shows how the CIELCh color 43, 53.041, 333.356 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, 53.041, 333.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

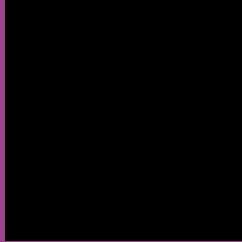
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.041, 333.356

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.041, 333.356.

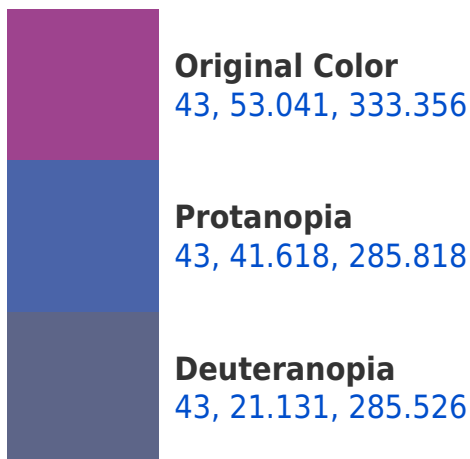


This preview shows how white text looks on a background with the CIELCh color 43, 53.041, 333.356.

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





Tritanopia
43, 31.793, 19.092

Trichromacy



Original Color
43, 53.041, 333.356

Protanomaly
42, 43.275, 302.753

Deuteranomaly
42, 31.348, 313.088

Tritanomaly
43, 36.092, 356.516

Monochromacy



Original Color
43, 53.041, 333.356

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 20.944, 331.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.041, 333.356 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(158, 67, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 67, 142)  
}
```

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(158, 67, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 67, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.041, 333.356 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(158, 67, 142) }
```

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

```
.border{ border-color:rgb(158, 67, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 67, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 67, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 67, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 67,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.041, 333.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 67, 142) }
```

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

```
.background{ background-color: rgb(158, 67,  
142) }
```

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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