

Converting Colors

CIELCh(43, 53.533, 340.889)

Have a look what the booklet for
CIELCh(43, 53.533, 340.889)
contains.

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Color

CIELCh(43, 53.483, 340.733)

Conversions

Conversions Part 1

Format	Color
Hex	A63E84
RGB	166, 62, 132
RGB Percent	65%, 24%, 52%
CMY	0.3500, 0.7578, 0.4833
CMYK	0.00, 0.63, 0.21, 0.35
HSL	320°, 46%, 45%
HSV	320°, 63%, 65%
XYZ	21.5310, 13.1578, 23.1514
YIQ	101.0760, 39.5140, 43.8180

Conversions

Conversions Part 2

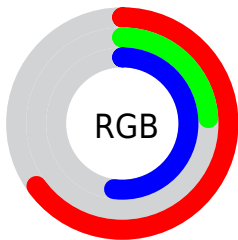
Format	Color
R_{YB}	166, 62, 132
Decimal	10894980
CIE _{Lab}	43.00, 50.49, -17.65
CIE _{LCh}	43, 53.483, 340.733
Yxy	13.1578, 0.3722, 0.2275
Android (android.graphics.Color)	4289085060 (0xFFA63E84)
YUV	101.0760, 15.2455, 56.9383
Hunter-Lab	36.2736, 42.4736, -12.4499

Details

The CIELCh color **43, 53.483, 340.733** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 53.459, 148.901**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 53.306, 341.003**, and **24, 51.723, 341.329** is the 20% darker color. If you saturate the color by 10%, you get **40, 59.257, 341.978**, and if you desaturate by 10%, it is **46, 46.306, 339.653**.

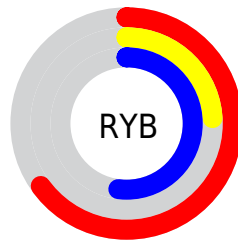
Distribution



Red (65%)

Green (24%)

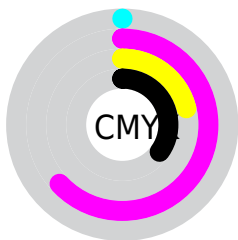
Blue (52%)



Red (65%)

Yellow (24%)

Blue (52%)

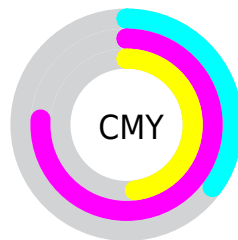


Cyan (0%)

Magenta (63%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.483, 340.733 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, 53.483, 340.733 by changing the saturation by 10% instead.


 43, 53.483,
340.733


 43, 53.483,
340.733


 100, 53.483,
340.733


 33, 53.483,
340.733

 63, 53.483,
340.733


 23, 53.483,
340.733

 73, 53.483,
340.733

 13, 53.483,
340.733

 83, 53.483,
340.733

 3, 53.483, 340.733

 93, 53.483,
340.733

 0, 53.483, 340.733

 43, 53.483,

 43, 53.483,

340.733

40, 59.257,
341.978

38, 63.251,
343.453

37, 65.254,
345.240

36, 65.874,
346.703

340.733

46, 46.306,
339.653

50, 38.165,
338.691

54, 29.443,
337.816

58, 20.446,
337.007

62, 11.394,
336.247

67, 2.432, 335.450

71, 6.349, 154.965

76, 14.898,
154.321

■ 81, 23.192,
153.735

Harmonies

Complementary

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



43, 53.483, 340.733



61, 53.459, 148.901

Rectangle

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



43, 53.483, 340.733



43, 53.483, 30.733



43, 53.483, 160.733



43, 53.483, 210.733

Sweetspot

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



43, 53.480, 340.733



75, 21.022, 336.745



35, 64.261, 307.113



38, 14.459, 336.954



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, 53.480, 340.733



51, 73.735, 342.480



41, 45.863, 14.504



32, 4.983, 335.988



32, 59.950, 346.434



1, 7.383, 337.905

Inverse Universe

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



43, 53.480, 340.733



51, 73.735, 342.480



62, 34.495, 178.272



32, 4.983, 335.988



32, 59.950, 346.434



1, 7.383, 337.905

Previews

White Background



This preview shows how the CIELCh color 43, 53.483, 340.733 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, 53.483, 340.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

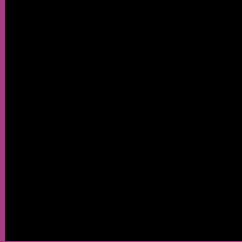
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.483, 340.733

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.483, 340.733.

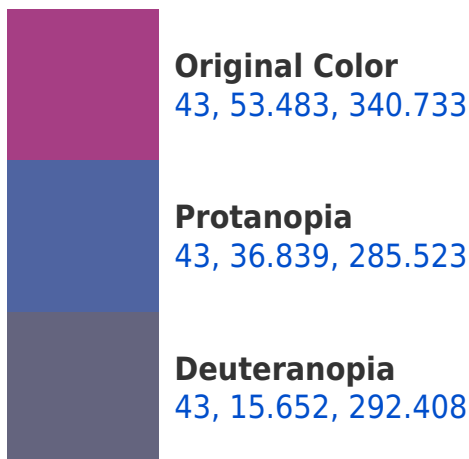


This preview shows how white text looks on a background with the CIELCh color 43, 53.483, 340.733.

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, 38.793, 21.466

Trichromacy



Original Color
43, 53.483, 340.733

Protanomaly
42, 39.716, 307.684

Deuteranomaly
42, 29.145, 323.370

Tritanomaly
43, 41.464, 3.133

Monochromacy



Original Color
43, 53.483, 340.733

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 21.495, 338.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.483, 340.733 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(166, 62, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 62, 132)  
}
```

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(166, 62, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 62, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.483, 340.733 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(166, 62, 132) }
```

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

```
.border{ border-color:rgb(166, 62, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 62, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 62, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 62, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 62,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.483, 340.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 62, 132) }
```

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

```
.background{ background-color: rgb(166, 62,  
132) }
```

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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