

Converting Colors

CIELCh(43, 49.966, 352.825)

Have a look what the booklet for
CIELCh(43, 49.966, 352.825)
contains.

CIELCh(43, 49.966, 352.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 49.966, 352.825)

Conversions

Conversions Part 1

Format	Color
Hex	AA3D71
RGB	170, 61, 113
RGB Percent	67%, 24%, 44%
CMY	0.3320, 0.7594, 0.5557
CMYK	0.00, 0.64, 0.33, 0.33
HSL	331°, 47%, 45%
HSV	331°, 64%, 67%
XYZ	21.3381, 13.1578, 17.1284
YIQ	99.5190, 48.2720, 39.2800

Conversions

Conversions Part 2

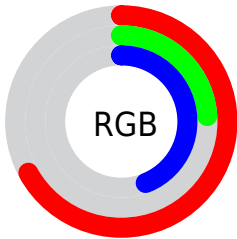
Format	Color
R_{YB}	170, 61, 113
Decimal	11156849
CIE _{Lab}	43.00, 49.57, -6.24
CIE _{LCh}	43, 49.966, 352.825
Yxy	13.1578, 0.4133, 0.2549
Android (android.graphics.Color)	4289346929 (0xFFAA3D71)
YUV	99.5190, 6.6461, 61.8118
Hunter-Lab	36.2736, 41.5246, -2.6053

Details

The CIELCh color **43, 49.966, 352.825** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **63, 46.865, 157.603**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 49.763, 352.654**, and **24, 48.004, 353.920** is the 20% darker color. If you saturate the color by 10%, you get **40, 55.456, 355.089**, and if you desaturate by 10%, it is **46, 43.226, 350.998**.

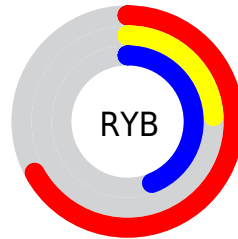
Distribution



Red (67%)

Green (24%)

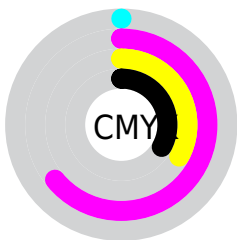
Blue (44%)



Red (67%)

Yellow (24%)

Blue (44%)

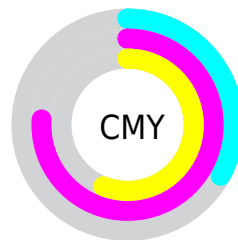


Cyan (0%)

Magenta (64%)

Yellow (33%)

Black (33%)



Cyan (33%)


Magenta (76%)

Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 49.966, 352.825 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, 49.966, 352.825 by changing the saturation by 10% instead.


 43, 49.966,
352.825


 43, 49.966,
352.825


 100, 49.966,
352.825

 33, 49.966,
352.825

 63, 49.966,
352.825


 23, 49.966,
352.825

 73, 49.966,
352.825

 13, 49.966,
352.825

 83, 49.966,
352.825

 3, 49.966, 352.825

 93, 49.966,
352.825

 0, 49.966, 352.825

 43, 49.966,

 43, 49.966,

352.825

40, 55.456,
355.089

38, 59.361,
357.938

37, 61.564, 1.533

36, 62.482, 3.929

352.825

46, 43.226,
350.998

50, 35.651,
349.485

54, 27.612,
348.202

59, 19.395,
347.088

63, 11.201,
346.096

68, 3.157, 345.136

73, 4.664, 164.538

77, 12.226,
163.765

■ 82, 19.518,
163.089

Harmonies

Complementary

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



43, 49.966, 352.825



63, 46.865, 157.603

Rectangle

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



43, 49.966, 352.825



43, 49.966, 42.825



43, 49.966, 172.825



43, 49.966, 222.825

Sweetspot

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



43, 49.963, 352.826



77, 18.965, 346.614



38, 66.931, 312.690



40, 13.191, 346.895



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 49.963, 352.826



51, 69.879, 356.259



42, 50.226, 29.182



33, 4.460, 345.654



31, 56.352, 3.359



2, 7.698, 348.783

Inverse Universe

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



43, 49.963, 352.826



51, 69.879, 356.259



63, 30.985, 198.755



33, 4.460, 345.654



31, 56.352, 3.359



2, 7.698, 348.783

Previews

White Background



This preview shows how the CIELCh color 43, 49.966, 352.825 looks on a white background.

Color Contrast Check

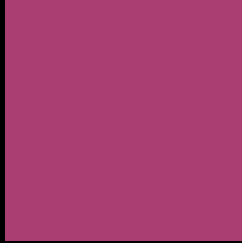
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.966, 352.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

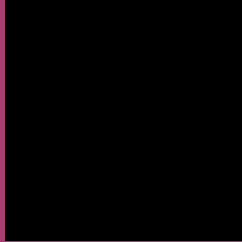
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 49.966, 352.825

Background



This preview shows how black text looks on a background with the CIELCh color 43, 49.966, 352.825.



This preview shows how white text looks on a background with the CIELCh color 43, 49.966, 352.825.

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, 49.966, 352.825

Protanopia

43, 23.561, 285.129

Deuteranopia

43, 7.073, 330.452



Tritanopia
43, 43.939, 23.117

Trichromacy



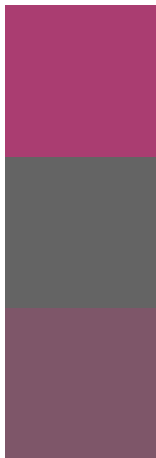
Original Color
43, 49.966, 352.825

Protanomaly
42, 28.824, 319.211

Deuteranomaly
42, 24.256, 345.127

Tritanomaly
43, 44.341, 11.118

Monochromacy



Original Color
43, 49.966, 352.825

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 20.117, 347.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 49.966, 352.825 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(170, 61, 113)` looks like.

```
.text, #text, p{  
    color:rgb(170, 61, 113)  
}
```

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(170, 61, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 61, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 49.966, 352.825 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(170, 61, 113) }
```

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

```
.border{ border-color:rgb(170, 61, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 61, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 61, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 61, 113);  
box-shadow:4px 4px 4px 4px rgb(170, 61,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 49.966, 352.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 61, 113) }
```

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

```
.background{ background-color: rgb(170, 61,  
113) }
```

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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