

Converting Colors

CIELCh(43, 62.810, 333.588)

Have a look what the booklet for
CIELCh(43, 62.810, 333.588)
contains.

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Color

CIELCh(43, 62.951, 333.403)

Conversions

Conversions Part 1

Format	Color
Hex	A73795
RGB	167, 55, 149
RGB Percent	65%, 22%, 58%
CMY	0.3444, 0.7836, 0.4151
CMYK	0.00, 0.67, 0.11, 0.34
HSL	310°, 50%, 44%
HSV	310°, 67%, 66%
XYZ	22.7841, 13.1578, 29.8386
YIQ	99.2040, 36.5780, 52.9780

Conversions

Conversions Part 2

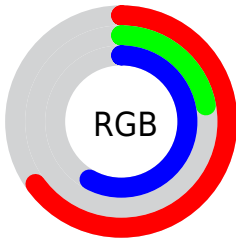
Format	Color
R_{YB}	167, 55, 149
Decimal	10958741
CIE _{Lab}	43.00, 56.29, -28.18
CIE _{LCh}	43, 62.951, 333.403
Yxy	13.1578, 0.3464, 0.2000
Android (android.graphics.Color)	4289148821 (0xFFA73795)
YUV	99.2040, 24.5494, 59.4571
Hunter-Lab	36.2736, 48.6400, -23.3803

Details

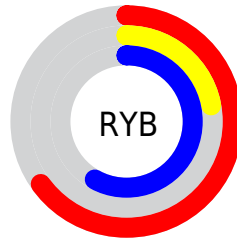
The CIELCh color **43, 62.951, 333.403** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61, 64.426, 142.663**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 62.988, 333.610**, and **25, 57.370, 333.644** is the 20% darker color. If you saturate the color by 10%, you get **41, 68.632, 334.079**, and if you desaturate by 10%, it is **46, 55.571, 332.746**.

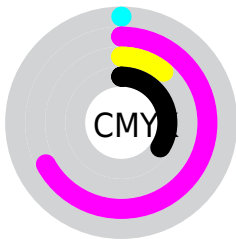
Distribution



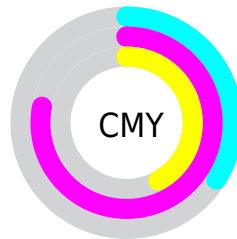
- Red (65%)
- Green (22%)
- Blue (58%)



- Red (65%)
- Yellow (22%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (11%)
- Black (34%)




- Cyan (34%)
- Magenta (78%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 62.951, 333.403 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, 62.951, 333.403 by changing the saturation by 10% instead.


 43, 62.951,
333.403


 43, 62.951,
333.403


 100, 62.951,
333.403

 33, 62.951,
333.403

 63, 62.951,
333.403

 23, 62.951,
333.403

 73, 62.951,
333.403

 13, 62.951,
333.403

 83, 62.951,
333.403

 3, 62.951, 333.403

 93, 62.951,
333.403

 0, 62.951, 333.403

 43, 62.951,

 43, 62.951,

333.403

333.403

■ 41, 68.632,
334.079

■ 46, 55.571,
332.746

■ 39, 72.308,
334.792

■ 49, 46.920,
332.099

■ 38, 73.996,
335.563

■ 53, 37.420,
331.457

■ 38, 74.365,
335.799

■ 57, 27.436,
330.824

■ 61, 17.249,
330.199

■ 65, 7.060, 329.573

■ 70, 2.997, 149.113

■ 75, 12.840,
148.485

■ 79, 22.423,
147.940

Harmonies

Complementary

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



43, 62.951, 333.403



61, 64.426, 142.663

Rectangle

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



43, 62.951, 333.403



43, 62.951, 23.403



43, 62.951, 153.403



43, 62.951, 203.403

Sweetspot

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



43, 62.949, 333.403



76, 25.105, 330.408



32, 69.638, 303.691



39, 17.272, 330.577



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 62.949, 333.403



52, 85.583, 334.390



41, 49.138, 2.776



33, 5.753, 329.720



33, 68.051, 335.710



2, 10.051, 331.008

Inverse Universe

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



43, 62.949, 333.403



52, 85.583, 334.390



62, 42.465, 164.700



33, 5.753, 329.720



33, 68.051, 335.710



2, 10.051, 331.008

Previews

White Background



This preview shows how the CIELCh color 43, 62.951, 333.403 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, 62.951, 333.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

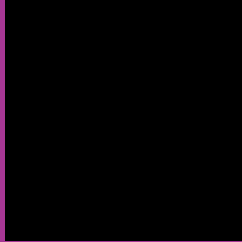
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 62.951, 333.403

Background



This preview shows how black text looks on a background with the CIELCh color 43, 62.951, 333.403.

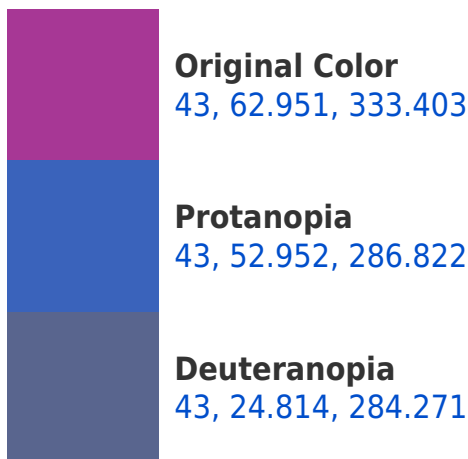


This preview shows how white text looks on a background with the CIELCh color 43, 62.951, 333.403.

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, 38.238, 20.475

Trichromacy



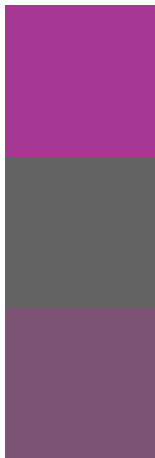
Original Color
43, 62.951, 333.403

Protanomaly
41, 54.608, 302.001

Deuteranomaly
41, 38.683, 312.430

Tritanomaly
43, 43.287, 356.959

Monochromacy



Original Color
43, 62.951, 333.403

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 26.103, 331.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 62.951, 333.403 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(167, 55, 149)` looks like.

```
.text, #text, p{  
    color:rgb(167, 55, 149)  
}
```

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(167, 55, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 55, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 62.951, 333.403 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(167, 55, 149) }
```

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

```
.border{ border-color:rgb(167, 55, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 55, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 55, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 55, 149);  
box-shadow:4px 4px 4px 4px rgb(167, 55,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 62.951, 333.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 55, 149) }
```

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

```
.background{ background-color: rgb(167, 55,  
149) }
```

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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