

Converting Colors

CIELCh(43, 55.421, 344.742)

Have a look what the booklet for
CIELCh(43, 55.421, 344.742)
contains.

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Color

CIELCh(43, 55.363, 344.550)

Conversions

Conversions Part 1

Format	Color
Hex	AB397F
RGB	171, 57, 127
RGB Percent	67%, 22%, 50%
CMY	0.3287, 0.7758, 0.5013
CMYK	0.00, 0.67, 0.26, 0.33
HSL	323°, 50%, 45%
HSV	323°, 67%, 67%
XYZ	22.1460, 13.1578, 21.5051
YIQ	99.0660, 45.4740, 45.9380

Conversions

Conversions Part 2

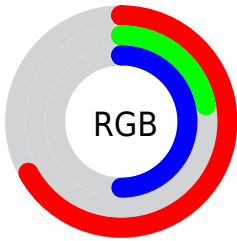
Format	Color
R_{YB}	171, 57, 127
Decimal	11221375
CIE _{Lab}	43.00, 53.36, -14.75
CIE _{LCh}	43, 55.363, 344.550
Yxy	13.1578, 0.3898, 0.2316
Android (android.graphics.Color)	4289411455 (0xFFAB397F)
YUV	99.0660, 13.7715, 63.0861
Hunter-Lab	36.2736, 45.5001, -9.7591

Details

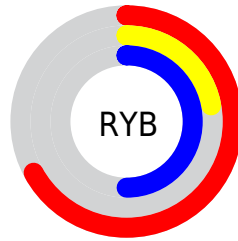
The CIELCh color **43, 55.363, 344.550** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **63, 54.921, 150.657**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 55.216, 344.429**, and **24, 51.005, 345.519** is the 20% darker color. If you saturate the color by 10%, you get **41, 60.474, 346.180**, and if you desaturate by 10%, it is **46, 48.696, 343.189**.

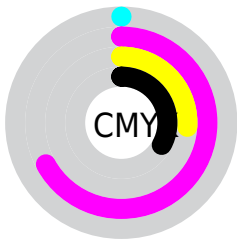
Distribution



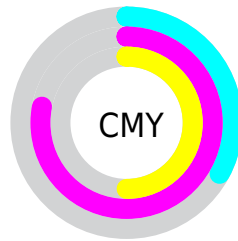
- Red (67%)
- Green (22%)
- Blue (50%)



- Red (67%)
- Yellow (22%)
- Blue (50%)



- Cyan (0%)
- Magenta (67%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (78%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 55.363, 344.550 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, 55.363, 344.550 by changing the saturation by 10% instead.


 43, 55.363,
344.550


 43, 55.363,
344.550


 100, 55.363,
344.550


 33, 55.363,
344.550

 63, 55.363,
344.550


 23, 55.363,
344.550

 73, 55.363,
344.550

 13, 55.363,
344.550

 83, 55.363,
344.550

 3, 55.363, 344.550

 93, 55.363,
344.550

 0, 55.363, 344.550

 43, 55.363,

 43, 55.363,

344.550

344.550

■ 41, 60.474,
346.180

■ 46, 48.696,
343.189

■ 39, 63.698,
348.179

■ 50, 40.916,
342.021

■ 38, 65.010,
350.643

■ 54, 32.438,
340.992

■ 37, 65.307,
351.532

■ 58, 23.602,
340.068

■ 62, 14.658,
339.220

■ 67, 5.777, 338.414

■ 72, 2.936, 157.867

■ 76, 11.422,
157.120

■ 81, 19.651,
156.487

Harmonies

Complementary

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



43, 55.363, 344.550



63, 54.921, 150.657

Rectangle

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



43, 55.363, 344.550



43, 55.363, 34.550



43, 55.363, 164.550



43, 55.363, 214.550

Sweetspot

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



43, 55.360, 344.551



77, 21.864, 339.531



35, 69.920, 309.137



40, 15.056, 339.762



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, 55.360, 344.551



51, 75.568, 347.089



41, 50.736, 20.827



34, 5.023, 338.635



32, 59.506, 351.198



2, 9.832, 342.686

Inverse Universe

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



43, 55.360, 344.551



51, 75.568, 347.089



64, 34.874, 184.110



34, 5.023, 338.635



32, 59.506, 351.198



2, 9.832, 342.686

Previews

White Background



This preview shows how the CIELCh color 43, 55.363, 344.550 looks on a white background.

Color Contrast Check

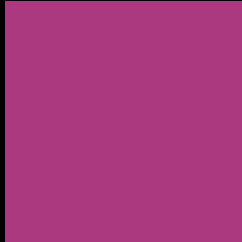
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.363, 344.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

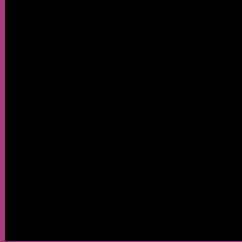
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 55.363, 344.550

Background



This preview shows how black text looks on a background with the CIELCh color 43, 55.363, 344.550.

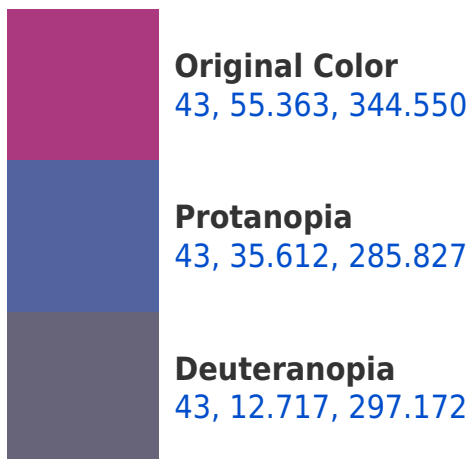


This preview shows how white text looks on a background with the CIELCh color 43, 55.363, 344.550.

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, 43.586, 23.677

Trichromacy



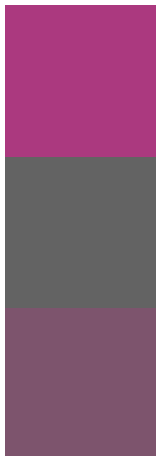
Original Color
43, 55.363, 344.550

Protanomaly
41, 39.572, 310.408

Deuteranomaly
42, 28.942, 329.637

Tritanomaly
43, 45.186, 7.175

Monochromacy



Original Color
43, 55.363, 344.550

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.455, 340.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 55.363, 344.550 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(171, 57, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 57, 127)  
}
```

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(171, 57, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 57, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 55.363, 344.550 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(171, 57, 127) }
```

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

```
.border{ border-color:rgb(171, 57, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 57, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 57, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 57, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 57,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 55.363, 344.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 57, 127) }
```

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

```
.background{ background-color: rgb(171, 57,  
127) }
```

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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