

Converting Colors

CIELCh(42, 54.955, 348.333)

Have a look what the booklet for
CIELCh(42, 54.955, 348.333)
contains.

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Color

CIELCh(42, 55.070, 348.304)

Conversions

Conversions Part 1

Format	Color
Hex	AB3577
RGB	171, 53, 119
RGB Percent	67%, 21%, 47%
CMY	0.3300, 0.7928, 0.5339
CMYK	0.00, 0.69, 0.30, 0.33
HSL	326°, 53%, 44%
HSV	326°, 69%, 67%
XYZ	21.3469, 12.5000, 18.6965
YIQ	95.8060, 49.1420, 45.5420

Conversions

Conversions Part 2

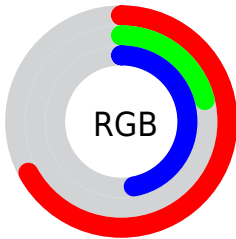
Format	Color
R_{YB}	171, 53, 119
Decimal	11220343
CIE _{Lab}	42.00, 53.93, -11.16
CIE _{LCh}	42, 55.070, 348.304
Yxy	12.5000, 0.4063, 0.2379
Android (android.graphics.Color)	4289410423 (0xFFAB3577)
YUV	95.8060, 11.4346, 65.9451
Hunter-Lab	35.3553, 45.9031, -6.6048

Details

The CIELCh color **42, 55.070, 348.304** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 53.877, 152.641**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 55.279, 348.516**, and **24, 49.327, 350.108** is the 20% darker color. If you saturate the color by 10%, you get **40, 59.702, 350.335**, and if you desaturate by 10%, it is **45, 48.856, 346.651**.

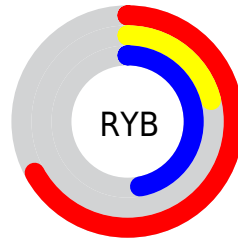
Distribution



Red (67%)

Green (21%)

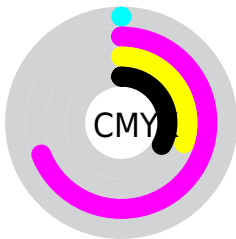
Blue (47%)



Red (67%)

Yellow (21%)

Blue (47%)

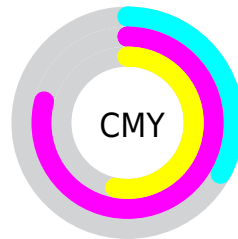


Cyan (0%)

Magenta (69%)

Yellow (30%)

Black (33%)



Cyan (33%)


Magenta (79%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 55.070, 348.304 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 42, 55.070, 348.304 by changing the saturation by 10% instead.


 42, 55.070,
348.304


 42, 55.070,
348.304


 100, 55.070,
348.304


 32, 55.070,
348.304

 62, 55.070,
348.304


 22, 55.070,
348.304

 72, 55.070,
348.304

 12, 55.070,
348.304

 82, 55.070,
348.304

 2, 55.070, 348.304

 92, 55.070,
348.304

 0, 55.070, 348.304

 42, 55.070,

 42, 55.070,

348.304

40, 59.702,
350.335

38, 62.482,
352.870

37, 63.666,
355.954

37, 63.769,
356.248

348.304

45, 48.856,
346.651

48, 41.483,
345.268

52, 33.369,
344.081

57, 24.864,
343.039

61, 16.232,
342.103

66, 7.650, 341.238

70, 0.770, 160.958

75, 8.965, 159.842

80, 16.903,

Harmonies

Complementary

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



42, 55.070, 348.304



62, 53.877, 152.641

Rectangle

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



42, 55.070, 348.304



42, 55.070, 38.304



42, 55.070, 168.304



42, 55.070, 218.304

Sweetspot

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



42, 55.067, 348.305



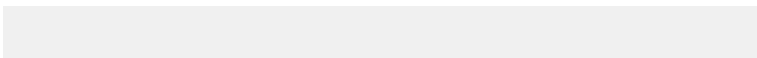
76, 22.145, 342.311



35, 72.153, 310.578



39, 15.132, 342.557



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



42, 55.067, 348.305



50, 74.668, 351.634



40, 53.584, 25.293



33, 4.717, 341.256



32, 57.458, 355.790



2, 8.087, 344.528

Inverse Universe

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



42, 55.067, 348.305



50, 74.668, 351.634



64, 34.299, 189.131



33, 4.717, 341.256



32, 57.458, 355.790



2, 8.087, 344.528

Previews

White Background



This preview shows how the CIELCh color 42, 55.070, 348.304 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 42, 55.070, 348.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

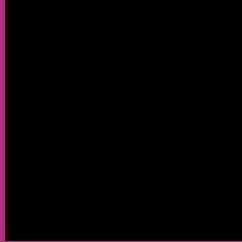
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 55.070, 348.304

Background



This preview shows how black text looks on a background with the CIELCh color 42, 55.070, 348.304.

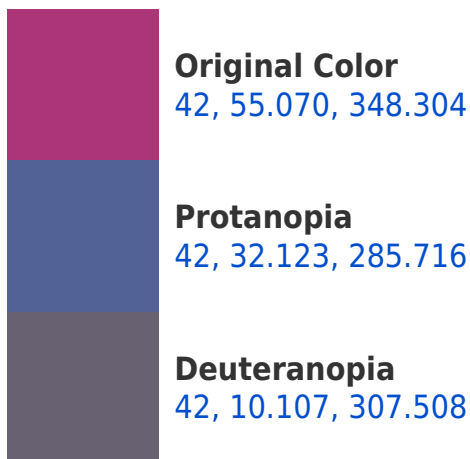


This preview shows how white text looks on a background with the CIELCh color 42, 55.070, 348.304.

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
42, 46.130, 24.603

Trichromacy



Original Color
42, 55.070, 348.304

Protanomaly
40, 36.498, 313.024

Deuteranomaly
41, 27.615, 335.878

Tritanomaly
42, 46.816, 9.435

Monochromacy



Original Color
42, 55.070, 348.304

Achromatopsia
41, 0.006, 296.813

Achromatomaly
39, 22.844, 343.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 55.070, 348.304 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, 53, 119)` looks like.

```
.text, #text, p{  
    color:rgb(171, 53, 119)  
}
```

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, 53, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 53, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 55.070, 348.304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

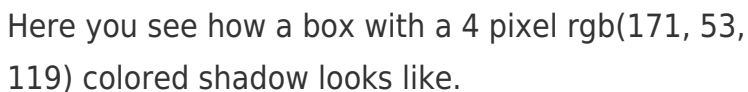
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 53, 119) }
```

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

```
.border{ border-color:rgb(171, 53, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 53, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 53, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 53, 119); box-shadow:4px 4px 4px 4px rgb(171, 53, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 55.070, 348.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 53, 119) }
```

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

```
.background{ background-color: rgb(171, 53,  
119) }
```

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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