

Converting Colors

CIELCh(43, 63.333, 341.534)

Have a look what the booklet for
CIELCh(43, 63.333, 341.534)
contains.

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Color

CIELCh(43, 63.190, 341.482)

Conversions

Conversions Part 1

Format	Color
Hex	B12F88
RGB	177, 47, 136
RGB Percent	69%, 18%, 53%
CMY	0.3059, 0.8157, 0.4667
CMYK	0.00, 0.73, 0.23, 0.31
HSL	319°, 58%, 44%
HSV	319°, 73%, 69%
XYZ	23.5920, 13.1578, 24.5891
YIQ	96.0160, 48.9110, 55.2390

Conversions

Conversions Part 2

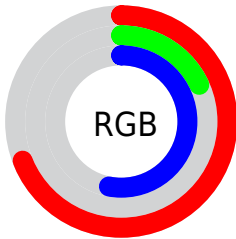
Format	Color
RYB	177, 47, 136
Decimal	11612040
CIELab	43.00, 59.92, -20.07
CIELCh	43, 63.190, 341.482
Yxy	13.1578, 0.3846, 0.2145
Android (android.graphics.Color)	4289802120 (0xFFB12F88)
YUV	96.0160, 19.7121, 71.0230
Hunter-Lab	36.2736, 52.6159, -14.7998

Details

The CIELCh color **43, 63.190, 341.482** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **64, 64.722, 146.672**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.029, 341.728**, and **26, 53.810, 342.936** is the 20% darker color. If you saturate the color by 10%, you get **41, 67.200, 342.928**, and if you desaturate by 10%, it is **46, 57.239, 340.260**.

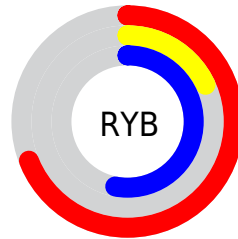
Distribution



Red (69%)

Green (18%)

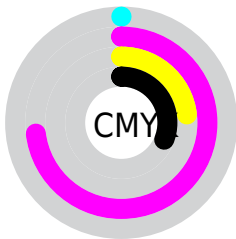
Blue (53%)



Red (69%)

Yellow (18%)

Blue (53%)

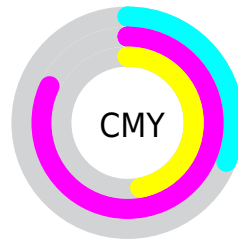


Cyan (0%)

Magenta (73%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (82%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 63.190, 341.482 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, 63.190, 341.482 by changing the saturation by 10% instead.


 43, 63.190,
341.482


 43, 63.190,
341.482


 100, 63.190,
341.482

 33, 63.190,
341.482

 63, 63.190,
341.482


 23, 63.190,
341.482

 73, 63.190,
341.482

 13, 63.190,
341.482


 83, 63.190,
341.482

 3, 63.190, 341.482

 93, 63.190,
341.482

 0, 63.190, 341.482

 43, 63.190,

 43, 63.190,

341.482

341.482

■ 41, 67.200,
342.928

■ 46, 57.239,
340.260

■ 40, 69.086,
344.678

■ 49, 49.752,
339.196

■ 39, 69.561,
345.962

■ 53, 41.188,
338.246

■ 57, 31.965,
337.379

■ 61, 22.419,
336.576

■ 66, 12.794,
335.821

■ 71, 3.252, 335.051

■ 75, 6.104, 154.543

■ 80, 15.218,
153.896

Harmonies

Complementary

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



43, 63.190, 341.482



64, 64.722, 146.672

Rectangle

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



43, 63.190, 341.482



43, 63.190, 31.482



43, 63.190, 161.482



43, 63.190, 211.482

Sweetspot

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



43, 63.187, 341.482



78, 25.980, 336.494



32, 79.248, 307.595



40, 17.449, 336.698



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 63.187, 341.482



52, 83.303, 343.947



41, 55.857, 16.867



35, 5.411, 335.518



34, 62.615, 345.692



2, 12.051, 339.612

Inverse Universe

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



43, 63.187, 341.482



52, 83.303, 343.947



65, 40.865, 175.296



35, 5.411, 335.518



34, 62.615, 345.692



2, 12.051, 339.612

Previews

White Background



This preview shows how the CIELCh color 43, 63.190, 341.482 looks on a white background.

Color Contrast Check

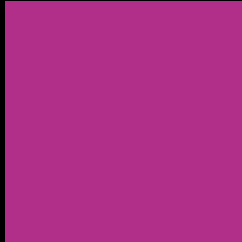
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.190, 341.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

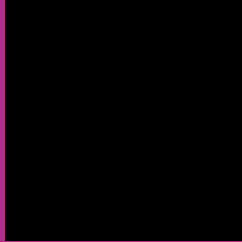
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 63.190, 341.482

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.190, 341.482.

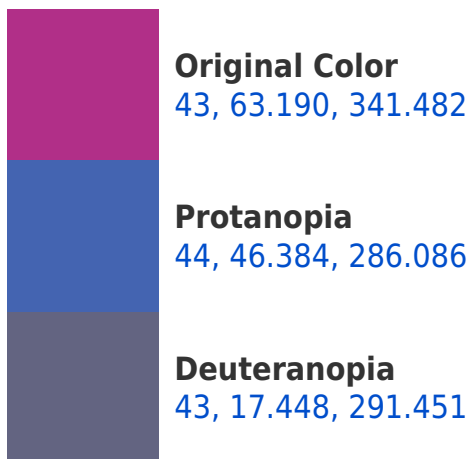


This preview shows how white text looks on a background with the CIELCh color 43, 63.190, 341.482.

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, 47.778, 24.902

Trichromacy



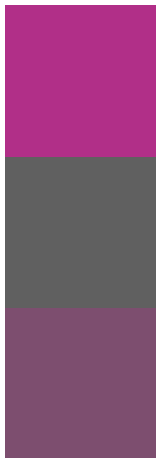
Original Color
43, 63.190, 341.482

Protanomaly
41, 49.796, 306.498

Deuteranomaly
41, 35.081, 323.546

Tritanomaly
43, 49.519, 5.746

Monochromacy



Original Color
43, 63.190, 341.482

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 27.323, 336.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.190, 341.482 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(177, 47, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 47, 136)  
}
```

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(177, 47, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 47, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.190, 341.482 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(177, 47, 136) }
```

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

```
.border{ border-color:rgb(177, 47, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 47, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 47, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 47, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 47,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.190, 341.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 47, 136) }
```

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

```
.background{ background-color: rgb(177, 47,  
136) }
```

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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