

Converting Colors

CIELCh(43, 66.581, 345.334)

Have a look what the booklet for
CIELCh(43, 66.581, 345.334)
contains.

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Color

CIELCh(43, 66.686, 345.449)

Conversions

Conversions Part 1

Format	Color
Hex	B92483
RGB	185, 36, 131
RGB Percent	73%, 14%, 51%
CMY	0.2755, 0.8601, 0.4871
CMYK	0.00, 0.81, 0.29, 0.28
HSL	322°, 68%, 43%
HSV	322°, 81%, 72%
XYZ	24.6500, 13.1578, 22.6354
YIQ	91.3810, 58.3090, 61.1330

Conversions

Conversions Part 2

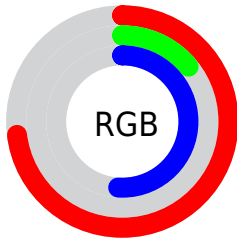
Format	Color
R_{YB}	185, 36, 131
Decimal	12133507
CIE _{Lab}	43.00, 64.55, -16.75
CIE _{LCh}	43, 66.686, 345.449
Yxy	13.1578, 0.4078, 0.2177
Android (android.graphics.Color)	4290323587 (0xFFB92483)
YUV	91.3810, 19.5322, 82.1039
Hunter-Lab	36.2736, 57.8223, -11.6065

Details

The CIELCh color **43, 66.686, 345.449** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **66, 69.165, 147.087**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.512, 345.585**, and **27, 53.418, 348.810** is the 20% darker color. If you saturate the color by 10%, you get **41, 69.141, 347.474**, and if you desaturate by 10%, it is **45, 62.087, 343.801**.

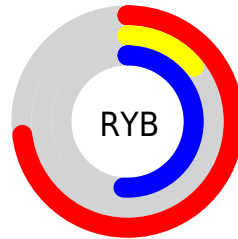
Distribution



Red (73%)

Green (14%)

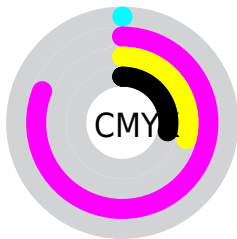
Blue (51%)



Red (73%)

Yellow (14%)

Blue (51%)

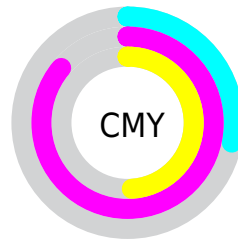


Cyan (0%)

Magenta (81%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (86%)

Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 66.686, 345.449 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, 66.686, 345.449 by changing the saturation by 10% instead.


 43, 66.686,
345.449


 43, 66.686,
345.449


 100, 66.686,
345.449


 33, 66.686,
345.449

 63, 66.686,
345.449


 23, 66.686,
345.449

 73, 66.686,
345.449

 13, 66.686,
345.449

 83, 66.686,
345.449

 3, 66.686, 345.449

 93, 66.686,
345.449

 0, 66.686, 345.449

 43, 66.686,

 43, 66.686,

345.449

345.449

■ 41, 69.141,
347.474

■ 45, 62.087,
343.801

■ 41, 69.878,
349.709

■ 48, 55.618,
342.428

■ 52, 47.719,
341.253

■ 56, 38.862,
340.220

■ 60, 29.457,
339.291

■ 65, 19.819,
338.442

■ 70, 10.170,
337.647

■ 75, 0.654, 336.441

Harmonies

Complementary

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



43, 66.686, 345.449



66, 69.165, 147.087

Rectangle

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



43, 66.686, 345.449



43, 66.686, 35.449



43, 66.686, 165.449



43, 66.686, 215.449

Sweetspot

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



43, 66.683, 345.450



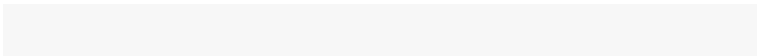
80, 28.449, 338.749



31, 88.658, 309.073



41, 19.545, 339.050



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 66.683, 345.450



53, 84.636, 349.405



41, 63.834, 23.813



36, 5.358, 337.541



34, 61.693, 349.324



3, 13.380, 342.831

Inverse Universe

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



43, 66.683, 345.450



53, 84.636, 349.405



68, 42.332, 179.041



36, 5.358, 337.541



34, 61.693, 349.324



3, 13.380, 342.831

Previews

White Background



This preview shows how the CIELCh color 43, 66.686, 345.449 looks on a white background.

Color Contrast Check

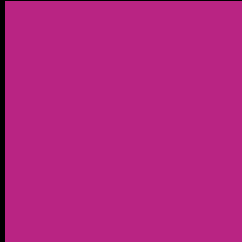
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.686, 345.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

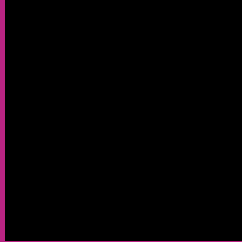
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 66.686, 345.449

Background



This preview shows how black text looks on a background with the CIELCh color 43, 66.686, 345.449.

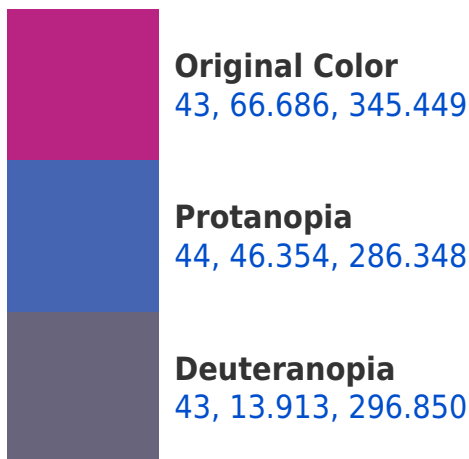


This preview shows how white text looks on a background with the CIELCh color 43, 66.686, 345.449.

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, 54.898, 27.515

Trichromacy



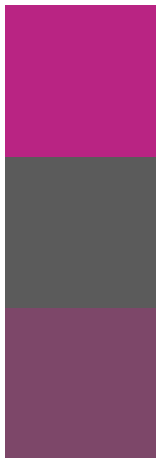
Original Color
43, 66.686, 345.449

Protanomaly
40, 51.416, 308.912

Deuteranomaly
41, 36.042, 330.474

Tritanomaly
43, 55.497, 9.787

Monochromacy



Original Color
43, 66.686, 345.449

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 29.795, 340.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 66.686, 345.449 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(185, 36, 131)` looks like.

```
.text, #text, p{  
    color:rgb(185, 36, 131)  
}
```

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(185, 36, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 36, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 66.686, 345.449 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(185, 36, 131) }
```

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

```
.border{ border-color:rgb(185, 36, 131) }
```

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

Here you see how a box with a 4 pixel rgb(185, 36, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 36, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 36, 131);  
box-shadow:4px 4px 4px 4px rgb(185, 36,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 66.686, 345.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 36, 131) }
```

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

```
.background{ background-color: rgb(185, 36,  
131) }
```

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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