

Converting Colors

CIELCh(44, 67.093, 333.939)

Have a look what the booklet for
CIELCh(44, 67.093, 333.939)
contains.

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Color

CIELCh(44, 66.968, 334.059)

Conversions

Conversions Part 1

Format	Color
Hex	AF349A
RGB	175, 52, 154
RGB Percent	69%, 20%, 60%
CMY	0.3148, 0.7972, 0.3971
CMYK	0.00, 0.70, 0.12, 0.31
HSL	310°, 54%, 44%
HSV	310°, 70%, 69%
XYZ	24.6463, 13.8382, 31.8351
YIQ	100.4050, 40.5660, 57.7980

Conversions

Conversions Part 2

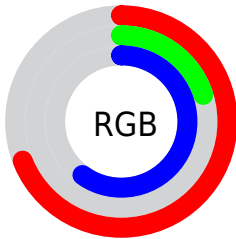
Format	Color
R_{YB}	175, 52, 154
Decimal	11482266
CIE _{Lab}	44.00, 60.22, -29.29
CIE _{LCh}	44, 66.968, 334.059
Yxy	13.8382, 0.3505, 0.1968
Android (android.graphics.Color)	4289672346 (0xFFAF349A)
YUV	100.4050, 26.4223, 65.4198
Hunter-Lab	37.1997, 53.1639, -24.6999

Details

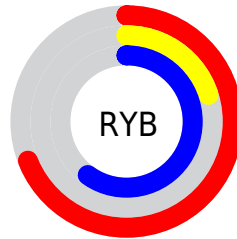
The CIELCh color **44, 66.968, 334.059** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **63, 68.989, 142.416**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 66.991, 333.859**, and **26, 59.075, 334.586** is the 20% darker color. If you saturate the color by 10%, you get **42, 72.079, 334.783**, and if you desaturate by 10%, it is **47, 59.955, 333.369**.

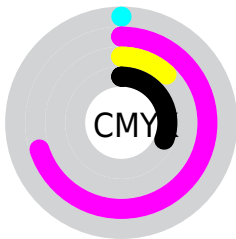
Distribution



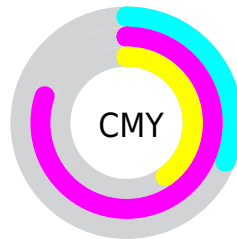
- Red (69%)
- Green (20%)
- Blue (60%)



- Red (69%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (31%)





- Cyan (31%)
- Magenta (80%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 66.968, 334.059 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 44, 66.968, 334.059 by changing the saturation by 10% instead.


 44, 66.968,
334.059


 44, 66.968,
334.059


 100, 66.968,
334.059


 34, 66.968,
334.059

 64, 66.968,
334.059


 24, 66.968,
334.059

 74, 66.968,
334.059

 14, 66.968,
334.059

 84, 66.968,
334.059

 4, 66.968, 334.059

 94, 66.968,
334.059

 0, 66.968, 334.059

 44, 66.968,

 44, 66.968,

334.059

334.059

■ 42, 72.079,
334.783

■ 47, 59.955,
333.369

■ 41, 75.044,
335.565

■ 50, 51.463,
332.697

■ 40, 76.241,
336.378

■ 54, 41.940,
332.037

■ 58, 31.793,
331.387

■ 62, 21.346,
330.749

■ 67, 10.835,
330.119

■ 71, 0.421, 328.901

■ 76, 9.794, 149.000

■ 81, 19.752,
148.436

Harmonies

Complementary

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



44, 66.968, 334.059



63, 68.989, 142.416

Rectangle

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



44, 66.968, 334.059



44, 66.968, 24.059



44, 66.968, 154.059



44, 66.968, 204.059

Sweetspot

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



44, 66.966, 334.059



78, 27.184, 330.810



32, 75.922, 304.527



40, 18.553, 330.982



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



44, 66.966, 334.059



54, 89.789, 335.170



42, 52.857, 5.137



34, 5.857, 330.049



34, 68.393, 336.263



2, 11.745, 331.799

Inverse Universe

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



44, 66.966, 334.059



54, 89.789, 335.170



64, 44.880, 165.228



34, 5.857, 330.049



34, 68.393, 336.263



2, 11.745, 331.799

Previews

White Background



This preview shows how the CIELCh color 44, 66.968, 334.059 looks on a white background.

Color Contrast Check

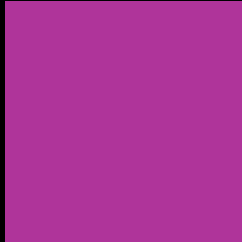
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 66.968, 334.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

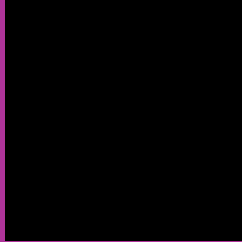
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 66.968, 334.059

Background



This preview shows how black text looks on a background with the CIELCh color 44, 66.968, 334.059.



This preview shows how white text looks on a background with the CIELCh color 44, 66.968, 334.059.

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
44, 41.413, 22.171

Trichromacy



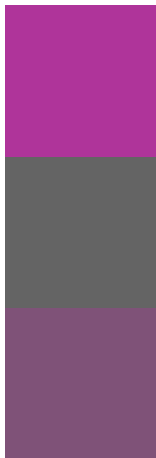
Original Color
44, 66.968, 334.059

Protanomaly
42, 58.524, 301.653

Deuteranomaly
42, 40.517, 313.162

Tritanomaly
44, 46.165, 358.334

Monochromacy



Original Color
44, 66.968, 334.059

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 28.786, 331.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 66.968, 334.059 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(175, 52, 154)` looks like.

```
.text, #text, p{  
    color:rgb(175, 52, 154)  
}
```

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(175, 52, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 52, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 66.968, 334.059 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(175, 52, 154) }
```

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

```
.border{ border-color:rgb(175, 52, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 52, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 52, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 52, 154);  
box-shadow:4px 4px 4px 4px rgb(175, 52,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 66.968, 334.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 52, 154) }
```

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

```
.background{ background-color: rgb(175, 52,  
154) }
```

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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