

Converting Colors

CIELCh(44, 61.059, 331.427)

Have a look what the booklet for
CIELCh(44, 61.059, 331.427)
contains.

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Color

CIELCh(44, 61.046, 331.727)

Conversions

Conversions Part 1

Format	Color
Hex	A63E99
RGB	166, 62, 153
RGB Percent	65%, 24%, 60%
CMY	0.3492, 0.7571, 0.4002
CMYK	0.00, 0.63, 0.08, 0.35
HSL	307°, 46%, 45%
HSV	307°, 63%, 65%
XYZ	23.1790, 13.8382, 31.5632
YIQ	103.4700, 32.7730, 50.3490

Conversions

Conversions Part 2

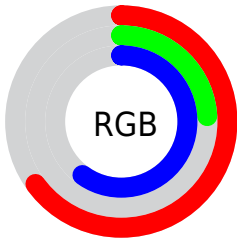
Format	Color
R _Y B	166, 62, 153
Decimal	10895001
CIE Lab	44.00, 53.76, -28.92
CIE LCh	44, 61.046, 331.727
Yxy	13.8382, 0.3380, 0.2018
Android (android.graphics.Color)	4289085081 (0xFFA63E99)
YUV	103.4700, 24.4183, 54.8388
Hunter-Lab	37.1997, 46.1230, -24.2665

Details

The CIELCh color **44, 61.046, 331.727** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61, 62.094, 142.237**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 61.189, 331.468**, and **25, 58.913, 331.576** is the 20% darker color. If you saturate the color by 10%, you get **42, 67.648, 332.298**, and if you desaturate by 10%, it is **47, 52.914, 331.146**.

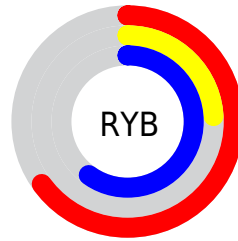
Distribution



Red (65%)

Green (24%)

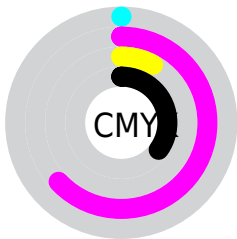
Blue (60%)



Red (65%)

Yellow (24%)

Blue (60%)

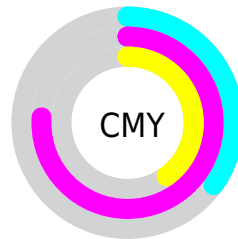


Cyan (0%)

Magenta (63%)

Yellow (8%)

Black (35%)



Cyan (35%)


Magenta (76%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 61.046, 331.727 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, 61.046, 331.727 by changing the saturation by 10% instead.


 44, 61.046,
331.727


 44, 61.046,
331.727


 100, 61.046,
331.727


 34, 61.046,
331.727

 64, 61.046,
331.727


 24, 61.046,
331.727

 74, 61.046,
331.727

 14, 61.046,
331.727

 84, 61.046,
331.727

 4, 61.046, 331.727

 94, 61.046,
331.727

 0, 61.046, 331.727

 44, 61.046,

 44, 61.046,

331.727

42, 67.648,
332.298

40, 72.361,
332.864

39, 75.000,
333.442

38, 76.027,
333.875

331.727

47, 52.914,
331.146

50, 43.687,
330.554

54, 33.766,
329.956

58, 23.481,
329.355

62, 13.082,
328.756

67, 2.741, 328.105

71, 7.427, 147.669

76, 17.355,
147.109

■ 81, 27.008,
146.587

Harmonies

Complementary

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



44, 61.046, 331.727



61, 62.094, 142.237

Rectangle

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



44, 61.046, 331.727



44, 61.046, 21.727



44, 61.046, 151.727



44, 61.046, 201.727

Sweetspot

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



44, 61.044, 331.727



76, 24.446, 329.156



33, 64.574, 302.324



39, 16.968, 329.322



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



44, 61.044, 331.727



53, 84.968, 332.509



42, 46.546, 359.153



33, 5.900, 328.552



34, 69.928, 333.814



2, 10.380, 329.454

Inverse Universe

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



44, 61.044, 331.727



53, 84.968, 332.509



61, 41.372, 163.242



33, 5.900, 328.552



34, 69.928, 333.814



2, 10.380, 329.454

Previews

White Background



This preview shows how the CIELCh color 44, 61.046, 331.727 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, 61.046, 331.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

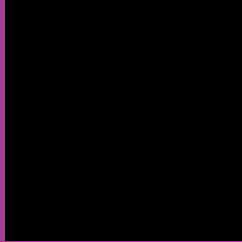
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 61.046, 331.727

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.046, 331.727.

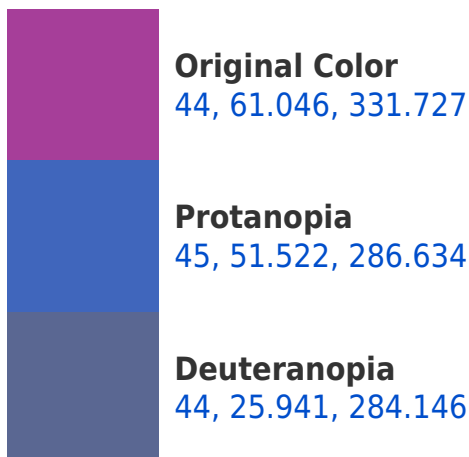


This preview shows how white text looks on a background with the CIELCh color 44, 61.046, 331.727.

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, 34.885, 20.067

Trichromacy



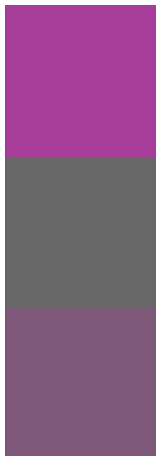
Original Color
44, 61.046, 331.727

Protanomaly
42, 53.132, 301.566

Deuteranomaly
43, 38.230, 310.804

Tritanomaly
44, 40.540, 355.536

Monochromacy



Original Color
44, 61.046, 331.727

Achromatopsia
44, 0.006, 296.813

Achromatomaly
42, 24.809, 329.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.046, 331.727 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(166, 62, 153)` looks like.

```
.text, #text, p{  
    color:rgb(166, 62, 153)  
}
```

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(166, 62, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 62, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.046, 331.727 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(166, 62, 153) }
```

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

```
.border{ border-color:rgb(166, 62, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 62, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 62, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 62, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 62,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.046, 331.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 62, 153) }
```

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

```
.background{ background-color: rgb(166, 62,  
153) }
```

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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