

Converting Colors

CIELCh(43, 66.818, 328.807)

Have a look what the booklet for
CIELCh(43, 66.818, 328.807)
contains.

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Color

CIELCh(43, 67.025, 328.798)

Conversions

Conversions Part 1

Format	Color
Hex	A437A0
RGB	164, 55, 160
RGB Percent	64%, 22%, 63%
CMY	0.3569, 0.7844, 0.3726
CMYK	0.00, 0.66, 0.02, 0.36
HSL	302°, 50%, 43%
HSV	302°, 66%, 64%
XYZ	23.0138, 13.1578, 34.5749
YIQ	99.5610, 31.2590, 55.7630

Conversions

Conversions Part 2

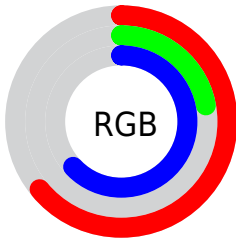
Format	Color
RYB	164, 55, 160
Decimal	10762144
CIELab	43.00, 57.33, -34.72
CIELCh	43, 67.025, 328.798
Yxy	13.1578, 0.3253, 0.1860
Android (android.graphics.Color)	4288952224 (0xFFA437A0)
YUV	99.5610, 29.7964, 56.5130
Hunter-Lab	36.2736, 49.7703, -31.1219

Details

The CIELCh color **43, 67.025, 328.798** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60, 68.231, 139.465**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 67.171, 328.968**, and **25, 61.380, 328.582** is the 20% darker color. If you saturate the color by 10%, you get **41, 73.346, 329.149**, and if you desaturate by 10%, it is **46, 59.009, 328.384**.

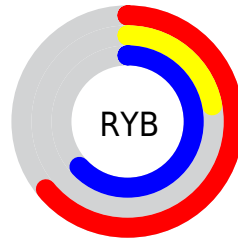
Distribution



Red (64%)

Green (22%)

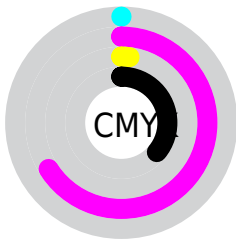
Blue (63%)



Red (64%)

Yellow (22%)

Blue (63%)

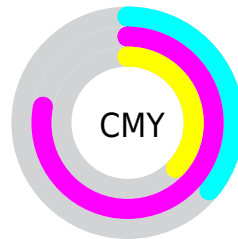


Cyan (0%)

Magenta (66%)

Yellow (2%)

Black (36%)



Cyan (36%)

Magenta (78%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 67.025, 328.798 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, 67.025, 328.798 by changing the saturation by 10% instead.

 43, 67.025,
328.798


 43, 67.025,
328.798

 100, 67.025,
328.798


 33, 67.025,
328.798

 63, 67.025,
328.798


 23, 67.025,
328.798

 73, 67.025,
328.798

 13, 67.025,
328.798

 83, 67.025,
328.798

 3, 67.025, 328.798

 93, 67.025,
328.798

 0, 67.025, 328.798

 43, 67.025,

 43, 67.025,

328.798

328.798

41, 73.346,
329.149

46, 59.009,
328.384

40, 77.690,
329.434

49, 49.705,
327.917

39, 80.063,
329.659

52, 39.526,
327.410

38, 80.718,
329.732

56, 28.837,
326.875

60, 17.927,
326.324

65, 7.007, 325.755

69, 3.779, 145.308

73, 14.340,
144.735

■ 78, 24.622,
144.221

Harmonies

Complementary

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



43, 67.025, 328.798



60, 68.231, 139.465

Rectangle

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



43, 67.025, 328.798



43, 67.025, 18.798



43, 67.025, 148.798



43, 67.025, 198.798

Sweetspot

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



43, 67.023, 328.798



75, 27.084, 326.541



30, 68.342, 301.361



38, 18.450, 326.687



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 67.023, 328.798



53, 92.463, 329.301



41, 49.717, 354.001



32, 6.113, 325.918



34, 73.907, 329.716



2, 9.387, 325.766

Inverse Universe

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



43, 67.023, 328.798



53, 92.463, 329.301



60, 46.445, 157.765



32, 6.113, 325.918



34, 73.907, 329.716



2, 9.387, 325.766

Previews

White Background



This preview shows how the CIELCh color 43, 67.025, 328.798 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, 67.025, 328.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

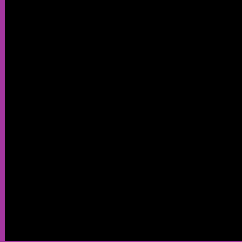
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 67.025, 328.798

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.025, 328.798.

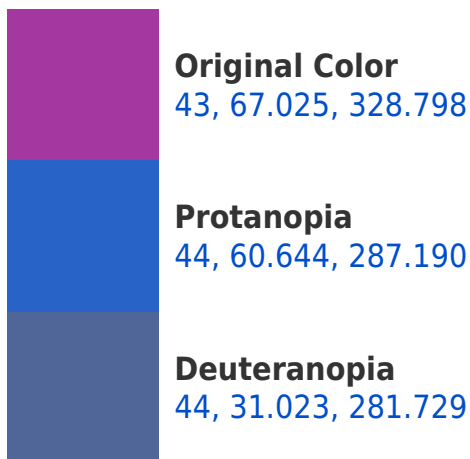


This preview shows how white text looks on a background with the CIELCh color 43, 67.025, 328.798.

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, 34.538, 19.146

Trichromacy



Original Color
43, 67.025, 328.798

Protanomaly
41, 61.557, 298.893

Deuteranomaly
42, 43.810, 307.133

Tritanomaly
42, 41.837, 351.191

Monochromacy



Original Color
43, 67.025, 328.798

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 27.467, 326.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.025, 328.798 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(164, 55, 160)` looks like.

```
.text, #text, p{  
    color:rgb(164, 55, 160)  
}
```

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(164, 55, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 55, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.025, 328.798 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(164, 55, 160) }
```

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

```
.border{ border-color:rgb(164, 55, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 55, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 55, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 55, 160);  
box-shadow:4px 4px 4px 4px rgb(164, 55,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.025, 328.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 55, 160) }
```

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

```
.background{ background-color: rgb(164, 55,  
160) }
```

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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