

Converting Colors

CIELCh(43, 53.058, 327.157)

Have a look what the booklet for
CIELCh(43, 53.058, 327.157)
contains.

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Color

CIELCh(43, 53.022, 327.098)

Conversions

Conversions Part 1

Format	Color
Hex	964796
RGB	150, 71, 150
RGB Percent	59%, 28%, 59%
CMY	0.4123, 0.7221, 0.4123
CMYK	0.00, 0.53, 0.00, 0.41
HSL	300°, 36%, 43%
HSV	300°, 53%, 59%
XYZ	20.2904, 13.1578, 30.2664
YIQ	103.6270, 21.7250, 41.3170

Conversions

Conversions Part 2

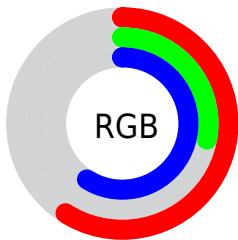
Format	Color
R_{YB}	150, 71, 150
Decimal	9848726
CIE _{Lab}	43.00, 44.52, -28.80
CIE _{LCh}	43, 53.022, 327.098
Yxy	13.1578, 0.3185, 0.2065
Android (android.graphics.Color)	4288038806 (0xFF964796)
YUV	103.6270, 22.8619, 40.6691
Hunter-Lab	36.2736, 36.3688, -24.0794

Details

The CIELCh color $43, 53.022, 327.098$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $56, 53.340, 140.198$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 52.773, 327.271$, and $23, 53.097, 327.136$ is the 20% darker color. If you saturate the color by 10%, you get $40, 61.217, 327.484$, and if you desaturate by 10%, it is $46, 43.777, 326.652$.

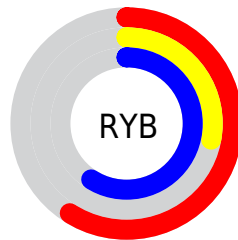
Distribution



Red (59%)

Green (28%)

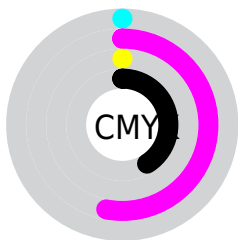
Blue (59%)



Red (59%)

Yellow (28%)

Blue (59%)

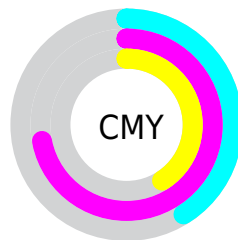


Cyan (0%)

Magenta (53%)

Yellow (0%)

Black (41%)



Cyan (41%)


Magenta (72%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.022, 327.098 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, 53.022, 327.098 by changing the saturation by 10% instead.

 43, 53.022,
327.098


 43, 53.022,
327.098


 100, 53.022,
327.098


 33, 53.022,
327.098

 63, 53.022,
327.098


 23, 53.022,
327.098

 73, 53.022,
327.098

 13, 53.022,
327.098

 83, 53.022,
327.098

 3, 53.022, 327.098

 93, 53.022,
327.098

 0, 53.022, 327.098

 43, 53.022,

 43, 53.022,

327.098

40, 61.217,
327.484

38, 67.990,
327.795

37, 73.026,
328.022

36, 76.179,
328.162

35, 77.739,
328.231

327.098

46, 43.777,
326.652

49, 33.857,
326.161

53, 23.570,
325.642

57, 13.157,
325.103

61, 2.791, 324.511

65, 7.412, 144.087

69, 17.380,
143.560

73, 27.072,
143.064

■ 78, 36.470,
142.593

Harmonies

Complementary

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



43, 53.022, 327.098



56, 53.340, 140.198

Rectangle

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



43, 53.022, 327.098



43, 53.022, 17.098



43, 53.022, 147.098



43, 53.022, 197.098

Sweetspot

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



43, 53.020, 327.098



70, 20.455, 325.299



34, 48.377, 297.180



36, 13.777, 325.398



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 53.020, 327.098



52, 75.410, 327.537



41, 38.906, 348.209



29, 5.775, 324.909



32, 73.088, 328.231



1, 5.023, 324.438

Inverse Universe

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



40, 36.691, 25.429



48, 55.470, 28.227



56, 37.052, 157.335



29, 3.343, 19.889



28, 65.125, 38.927



1, 2.828, 19.402

Previews

White Background



This preview shows how the CIELCh color 43, 53.022, 327.098 looks on a white background.

Color Contrast Check

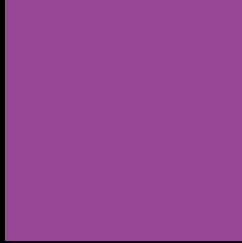
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.022, 327.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

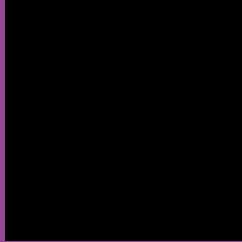
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.022, 327.098

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.022, 327.098.

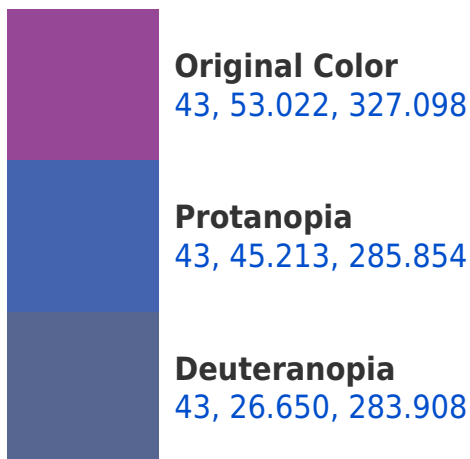


This preview shows how white text looks on a background with the CIELCh color 43, 53.022, 327.098.

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, 25.749, 14.127

Trichromacy



Original Color
43, 53.022, 327.098

Protanomaly
42, 46.585, 299.815

Deuteranomaly
42, 35.201, 306.129

Tritanomaly
43, 32.380, 347.646

Monochromacy



Original Color
43, 53.022, 327.098

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 20.909, 325.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.022, 327.098 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(150, 71, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 71, 150)  
}
```

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(150, 71, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 71, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.022, 327.098 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(150, 71, 150) }
```

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

```
.border{ border-color:rgb(150, 71, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 71, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 71, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 71, 150); box-shadow:4px 4px 4px 4px rgb(150, 71, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.022, 327.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 71, 150) }
```

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

```
.background{ background-color: rgb(150, 71,  
150) }
```

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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