

Converting Colors

CIELCh(63, 43.565, 299.552)

Have a look what the booklet for
CIELCh(63, 43.565, 299.552)
contains.

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Color

CIELCh(63, 43.337, 299.179)

Conversions

Conversions Part 1

Format	Color
Hex	9A8FDC
RGB	154, 143, 220
RGB Percent	60%, 56%, 86%
CMY	0.3969, 0.4400, 0.1381
CMYK	0.30, 0.35, 0.00, 0.14
HSL	249°, 52%, 71%
HSV	249°, 35%, 86%
XYZ	35.9649, 31.5869, 71.7548
YIQ	155.0670, -18.1610, 26.2790

Conversions

Conversions Part 2

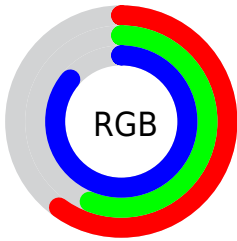
Format	Color
RYB	154, 143, 220
Decimal	10129372
CIELab	63.00, 21.13, -37.84
CIELCh	63, 43.337, 299.179
Yxy	31.5869, 0.2582, 0.2267
Android (android.graphics.Color)	4288319452 (0xFF9A8FDC)
YUV	155.0670, 32.0120, -0.9358
Hunter-Lab	56.2022, 15.8716, -36.3554

Details

The CIELCh color **63, 43.337, 299.179** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85, 39.836, 113.126**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 31.170, 300.650**, and **43, 43.367, 298.845** is the 20% darker color. If you saturate the color by 10%, you get **56, 56.792, 300.486**, and if you desaturate by 10%, it is **70, 30.351, 298.026**.

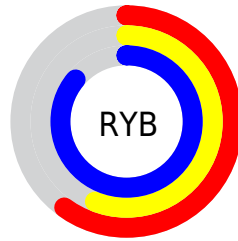
Distribution



Red (60%)

Green (56%)

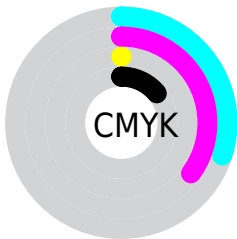
Blue (86%)



Red (60%)

Yellow (56%)

Blue (86%)

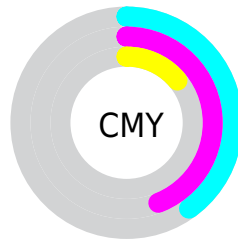


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (40%)


Magenta (44%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 43.337, 299.179 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 63, 43.337, 299.179 by changing the saturation by 10% instead.


 63, 43.337,
299.179


 63, 43.337,
299.179


 100, 43.337,
299.179


 53, 43.337,
299.179


 83, 43.337,
299.179

 43, 43.337,
299.179

 93, 43.337,
299.179

 33, 43.337,
299.179

 23, 43.337,
299.179

 13, 43.337,
299.179

 3, 43.337, 299.179

 0, 43.337, 299.179

■ 63, 43.337,
299.179

■ 63, 43.337,
299.179

■ 56, 56.792,
300.486

■ 70, 30.351,
298.026

■ 49, 70.598,
301.926

■ 77, 17.865,
297.025

■ 43, 84.429,
303.434

■ 84, 5.866, 296.164

■ 37, 97.565,
304.874

■ 91, 5.673, 115.421

■ 32, 108.706,
306.023

■ 98, 16.781,
114.789

■ 29, 116.168,
306.623

■ 99, 17.813,
108.830

■ 28, 118.653,
306.785

Harmonies

Complementary

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



63, 43.337, 299.179



85, 39.836, 113.126

Rectangle

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



63, 43.337, 299.179



63, 43.337, 349.179



63, 43.337, 119.179



63, 43.337, 169.179

Sweetspot

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



63, 43.336, 299.179



91, 14.643, 296.671



80, 21.903, 212.540



48, 9.864, 296.792



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 43.336, 299.179



67, 59.465, 300.122



66, 45.677, 315.116



42, 6.666, 296.527



21, 99.292, 306.867



2, 29.808, 298.416

Inverse Universe

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



69, 44.863, 330.742



75, 60.203, 331.204



83, 44.158, 131.944



43, 7.251, 329.143



40, 77.441, 334.834



7, 31.260, 333.482

Previews

White Background



This preview shows how the CIELCh color 63, 43.337, 299.179 looks on a white background.

Color Contrast Check

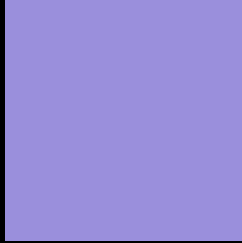
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 43.337, 299.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

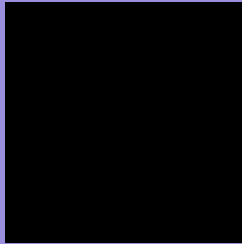
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 43.337, 299.179

Background



This preview shows how black text looks on a background with the CIELCh color 63, 43.337, 299.179.

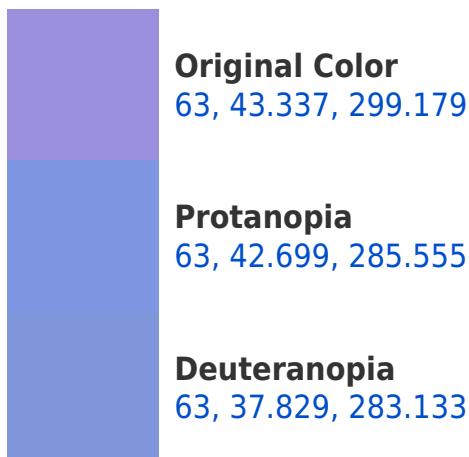


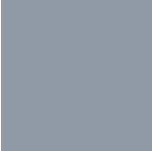
This preview shows how white text looks on a background with the CIELCh color 63, 43.337, 299.179.

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
63, 7.735, 259.636

Trichromacy



Original Color
63, 43.337, 299.179

Protanomaly
63, 43.073, 290.663

Deuteranomaly
63, 39.743, 289.480

Tritanomaly
63, 20.164, 289.385

Monochromacy



Original Color
63, 43.337, 299.179

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 15.752, 297.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 43.337, 299.179 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(154, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 220)  
}
```

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(154, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 43.337, 299.179 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(154, 143, 220) }
```

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

```
.border{ border-color:rgb(154, 143, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 43.337, 299.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 220) }
```

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

```
.background{ background-color: rgb(154,  
143, 220) }
```

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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