

Converting Colors

CIELCh(63, 53.062, 296.779)

Have a look what the booklet for
CIELCh(63, 53.062, 296.779)
contains.

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Color

CIELCh(63, 53.172, 296.838)

Conversions

Conversions Part 1

Format	Color
Hex	928EED
RGB	146, 142, 237
RGB Percent	57%, 56%, 93%
CMY	0.4273, 0.4430, 0.0704
CMYK	0.38, 0.40, 0.00, 0.07
HSL	243°, 73%, 74%
HSV	243°, 40%, 93%
XYZ	36.8301, 31.5869, 84.3051
YIQ	154.0260, -28.1110, 30.3930

Conversions

Conversions Part 2

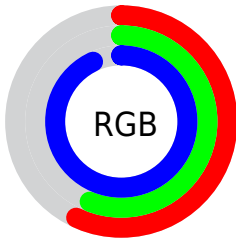
Format	Color
R _Y B	146, 142, 237
Decimal	9604845
CIE Lab	63.00, 24.01, -47.44
CIE LCh	63, 53.172, 296.838
Yxy	31.5869, 0.2412, 0.2068
Android (android.graphics.Color)	4287794925 (0xFF928EED)
YUV	154.0260, 40.9062, -7.0388
Hunter-Lab	56.2022, 18.6194, -49.5953

Details

The CIELCh color **63, 53.172, 296.838** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92, 47.908, 108.228**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 31.510, 297.006**, and **43, 53.323, 296.925** is the 20% darker color. If you saturate the color by 10%, you get **55, 67.815, 298.609**, and if you desaturate by 10%, it is **71, 39.064, 295.286**.

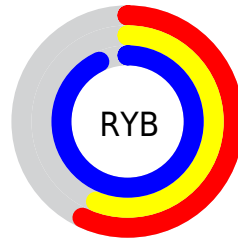
Distribution



Red (57%)

Green (56%)

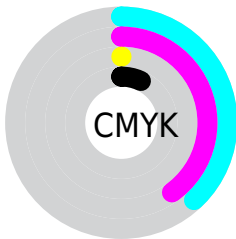
Blue (93%)



Red (57%)

Yellow (56%)

Blue (93%)

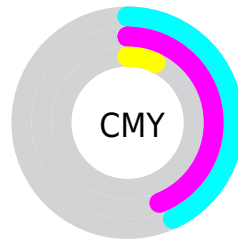


Cyan (38%)

Magenta (40%)

Yellow (0%)

Black (7%)



Cyan (43%)


Magenta (44%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 53.172, 296.838 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, 53.172, 296.838 by changing the saturation by 10% instead.


 63, 53.172,
296.838


 63, 53.172,
296.838


 100, 53.172,
296.838


 53, 53.172,
296.838


 83, 53.172,
296.838

 43, 53.172,
296.838


 93, 53.172,
296.838

 33, 53.172,
296.838

 23, 53.172,
296.838

 13, 53.172,
296.838

 3, 53.172, 296.838

 0, 53.172, 296.838

■ 63, 53.172,
296.838

■ 63, 53.172,
296.838

■ 55, 67.815,
298.609

■ 71, 39.064,
295.286

■ 48, 82.806,
300.556

■ 78, 25.534,
293.952

■ 42, 97.595,
302.558

■ 86, 12.560,
292.816

■ 36, 110.983,
304.381

■ 94, 0.107, 292.356

■ 32, 121.030,
305.704

■ 100, 9.092,
109.488

■ 30, 126.430,
306.378

Harmonies

Complementary

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



63, 53.172, 296.838



92, 47.908, 108.228

Rectangle

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



63, 53.172, 296.838



63, 53.172, 346.838



63, 53.172, 116.838



63, 53.172, 166.838

Sweetspot

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



63, 53.171, 296.838



90, 15.929, 293.025



87, 28.419, 200.942



47, 10.593, 293.168



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, 53.171, 296.838



61, 68.708, 298.259



67, 54.914, 312.158



45, 7.012, 292.752



22, 103.259, 306.414



2, 35.821, 298.749

Inverse Universe

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



72, 58.115, 327.810



73, 72.831, 328.225



88, 52.058, 128.352



46, 8.219, 326.096



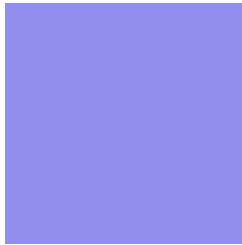
43, 86.464, 329.979



9, 37.205, 329.713

Previews

White Background



This preview shows how the CIELCh color 63, 53.172, 296.838 looks on a white background.

Color Contrast Check

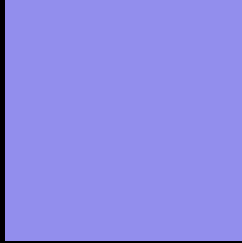
Large Text (above 18pt) WCAG AA × Fail

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, 53.172, 296.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

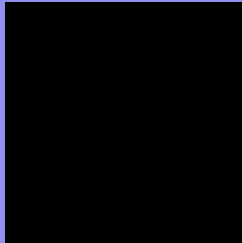
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 53.172, 296.838

Background



This preview shows how black text looks on a background with the CIELCh color 63, 53.172, 296.838.

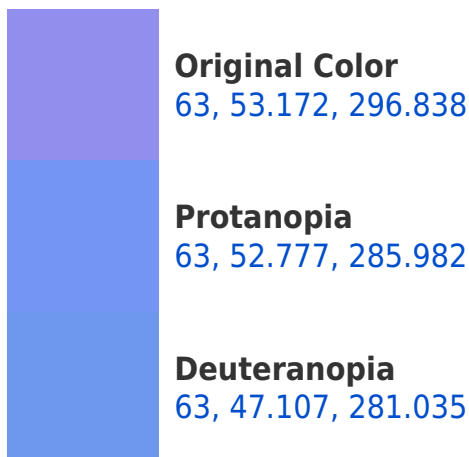



This preview shows how white text looks on a background with the CIELCh color 63, 53.172, 296.838.

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, 11.488, 234.656

Trichromacy



Original Color
63, 53.172, 296.838

Protanomaly
63, 53.132, 289.975

Deuteranomaly
63, 49.361, 287.167

Tritanomaly
63, 23.907, 279.878

Monochromacy



Original Color
63, 53.172, 296.838

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 19.047, 293.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 53.172, 296.838 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(146, 142, 237)` looks like.

```
.text, #text, p{  
    color:rgb(146, 142, 237)  
}
```

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(146, 142, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 142, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 53.172, 296.838 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(146, 142, 237) }
```

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

```
.border{ border-color:rgb(146, 142, 237) }
```

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

Here you see how a box with a 4 pixel rgb(146, 142, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 142, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 142, 237);  
box-shadow:4px 4px 4px 4px rgb(146, 142,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 53.172, 296.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 142, 237) }
```

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

```
.background{ background-color: rgb(146,  
142, 237) }
```

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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