

Converting Colors

CIELCh(61, 52.095, 304.786)

Have a look what the booklet for
CIELCh(61, 52.095, 304.786)
contains.

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Color

CIELCh(61, 52.043, 304.669)

Conversions

Conversions Part 1

Format	Color
Hex	9F84DF
RGB	159, 132, 223
RGB Percent	62%, 52%, 87%
CMY	0.3760, 0.4819, 0.1250
CMYK	0.29, 0.41, 0.00, 0.13
HSL	258°, 59%, 70%
HSV	258°, 41%, 87%
XYZ	35.9215, 29.2481, 73.6475
YIQ	150.4470, -13.1190, 34.0250

Conversions

Conversions Part 2

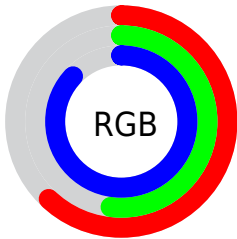
Format	Color
RYB	159, 132, 223
Decimal	10454239
CIELab	61.00, 29.60, -42.80
CIElCh	61, 52.043, 304.669
Yxy	29.2481, 0.2588, 0.2107
Android (android.graphics.Color)	4288644319 (0xFF9F84DF)
YUV	150.4470, 35.7686, 7.5010
Hunter-Lab	54.0815, 23.9189, -42.8832

Details

The CIELCh color **61, 52.043, 304.669** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85, 47.711, 119.311**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 38.811, 308.016**, and **41, 51.908, 304.754** is the 20% darker color. If you saturate the color by 10%, you get **54, 65.685, 305.595**, and if you desaturate by 10%, it is **68, 38.653, 303.805**.

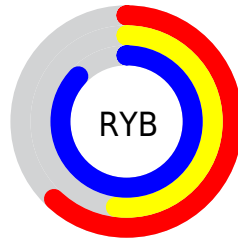
Distribution



Red (62%)

Green (52%)

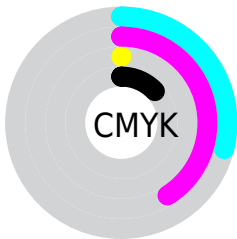
Blue (87%)



Red (62%)

Yellow (52%)

Blue (87%)

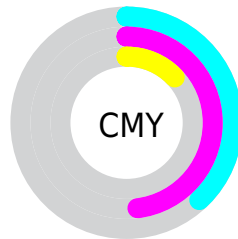


Cyan (29%)

Magenta (41%)

Yellow (0%)

Black (13%)



Cyan (38%)

Magenta (48%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 52.043, 304.669 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 61, 52.043, 304.669 by changing the saturation by 10% instead.

 61, 52.043,
304.669


 61, 52.043,
304.669


 100, 52.043,
304.669


 51, 52.043,
304.669

 81, 52.043,
304.669

 41, 52.043,
304.669

 91, 52.043,
304.669

 31, 52.043,
304.669

 21, 52.043,
304.669

 11, 52.043,
304.669

 1, 52.043, 304.669

 0, 52.043, 304.669

61, 52.043,
304.669

61, 52.043,
304.669

54, 65.685,
305.595

68, 38.653,
303.805

48, 79.301,
306.536

75, 25.650,
303.023

42, 92.338,
307.405

81, 13.079,
302.328

37, 103.859,
308.061

88, 0.950, 301.670

33, 112.578,
308.321

95, 10.751,
121.200

31, 117.628,
308.175

99, 16.146,
111.214

99, 16.127,
108.958

Harmonies

Complementary

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



61, 52.043, 304.669



85, 47.711, 119.311

Rectangle

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



61, 52.043, 304.669



61, 52.043, 354.669



61, 52.043, 124.669



61, 52.043, 174.669

Sweetspot

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



61, 52.042, 304.669



91, 16.248, 302.414



76, 23.988, 233.827



47, 10.802, 302.502



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 52.042, 304.669



63, 70.502, 305.460



65, 55.343, 320.078



43, 6.899, 302.241



23, 98.321, 308.316



3, 32.307, 303.200

Inverse Universe

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



67, 47.379, 337.221



71, 62.575, 337.993



82, 54.279, 136.064



44, 6.624, 334.766



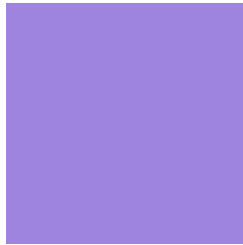
39, 70.075, 344.569



7, 29.441, 341.228

Previews

White Background



This preview shows how the CIELCh color 61, 52.043, 304.669 looks on a white background.

Color Contrast Check

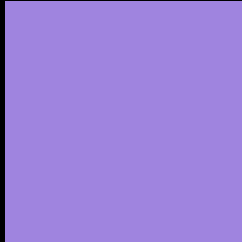
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 52.043, 304.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

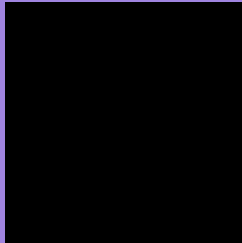
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 52.043, 304.669

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.043, 304.669.

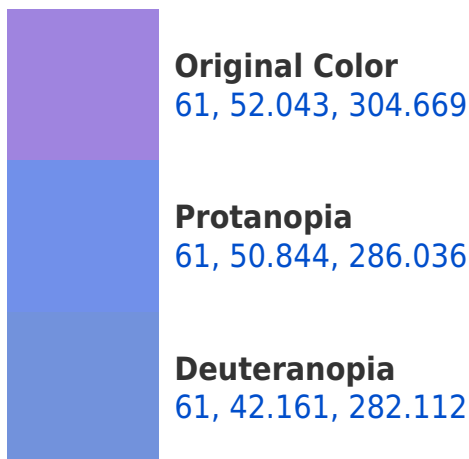



This preview shows how white text looks on a background with the CIELCh color 61, 52.043, 304.669.

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
61, 6.764, 290.938

Trichromacy



Original Color
61, 52.043, 304.669

Protanomaly
61, 50.606, 292.268

Deuteranomaly
61, 45.051, 290.840

Tritanomaly
61, 23.485, 301.283

Monochromacy



Original Color
61, 52.043, 304.669

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 18.987, 303.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.043, 304.669 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(159, 132, 223)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 223)  
}
```

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(159, 132, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.043, 304.669 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(159, 132, 223) }
```

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

```
.border{ border-color:rgb(159, 132, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 223);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.043, 304.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 223) }
```

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

```
.background{ background-color: rgb(159,  
132, 223) }
```

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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