

Converting Colors

CIELCh(61, 52.762, 303.770)

Have a look what the booklet for
CIELCh(61, 52.762, 303.770)
contains.

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Color

CIELCh(61, 53.053, 303.850)

Conversions

Conversions Part 1

Format	Color
Hex	9D84E1
RGB	157, 132, 225
RGB Percent	62%, 52%, 88%
CMY	0.3829, 0.4811, 0.1163
CMYK	0.30, 0.41, 0.00, 0.12
HSL	256°, 61%, 70%
HSV	256°, 41%, 88%
XYZ	35.9060, 29.2481, 75.2415
YIQ	150.0770, -14.9530, 34.2230

Conversions

Conversions Part 2

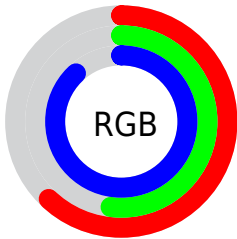
Format	Color
RYB	157, 132, 225
Decimal	10323169
CIELab	61.00, 29.55, -44.06
CIELCh	61, 53.053, 303.850
Yxy	29.2481, 0.2557, 0.2083
Android (android.graphics.Color)	4288513249 (0xFF9D84E1)
YUV	150.0770, 36.9370, 6.0715
Hunter-Lab	54.0815, 23.8675, -44.6307

Details

The CIELCh color $61, 53.053, 303.850$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $86, 48.415, 118.128$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 38.660, 307.052$, and $41, 53.018, 303.987$ is the 20% darker color. If you saturate the color by 10%, you get $54, 66.856, 304.852$, and if you desaturate by 10%, it is $68, 39.530, 302.922$.

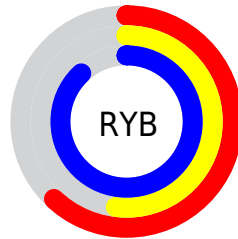
Distribution



Red (62%)

Green (52%)

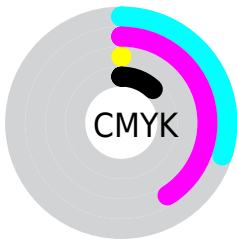
Blue (88%)



Red (62%)

Yellow (52%)

Blue (88%)

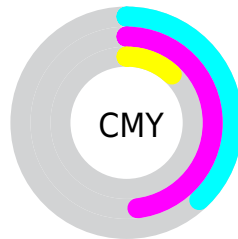


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (12%)



Cyan (38%)


Magenta (48%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 53.053, 303.850 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, 53.053, 303.850 by changing the saturation by 10% instead.


 61, 53.053,
303.850


 61, 53.053,
303.850


 100, 53.053,
303.850


 51, 53.053,
303.850


 81, 53.053,
303.850

 41, 53.053,
303.850

 91, 53.053,
303.850

 31, 53.053,
303.850

 21, 53.053,
303.850

 11, 53.053,
303.850

 1, 53.053, 303.850

 0, 53.053, 303.850

61, 53.053,
303.850

61, 53.053,
303.850

54, 66.856,
304.852

68, 39.530,
302.922

48, 80.657,
305.880

75, 26.416,
302.087

42, 93.885,
306.841

82, 13.753,
301.348

37, 105.551,
307.585

89, 1.544, 300.681

33, 114.287,
307.916

96, 10.225,
120.152

30, 119.057,
307.840

99, 14.998,
109.044

Harmonies

Complementary

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



61, 53.053, 303.850



86, 48.415, 118.128

Rectangle

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



61, 53.053, 303.850



61, 53.053, 353.850



61, 53.053, 123.850



61, 53.053, 173.850

Sweetspot

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



61, 53.052, 303.850



91, 16.193, 301.404



77, 24.396, 231.484



47, 10.766, 301.497



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, 53.052, 303.850



62, 71.970, 304.756



66, 56.285, 319.581



43, 6.875, 301.222



23, 98.771, 307.976



3, 32.207, 302.406

Inverse Universe

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



67, 49.216, 336.051



71, 64.882, 336.820



83, 55.077, 135.573



44, 6.756, 333.657



39, 71.369, 342.593



7, 29.972, 339.694

Previews

White Background



This preview shows how the CIELCh color 61, 53.053, 303.850 looks on a white background.

Color Contrast Check

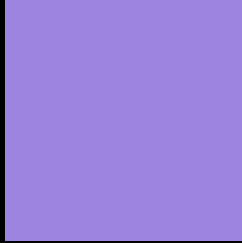
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.053, 303.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

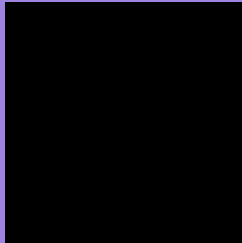
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 53.053, 303.850

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.053, 303.850.

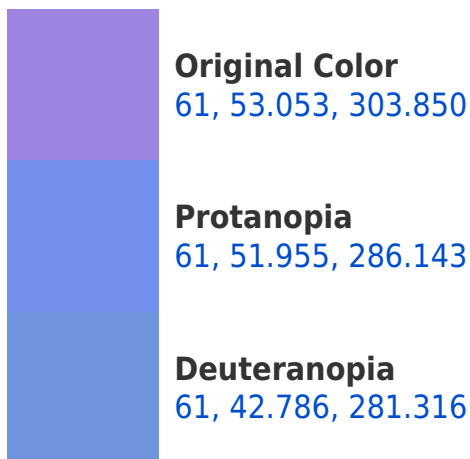


This preview shows how white text looks on a background with the CIELCh color 61, 53.053, 303.850.

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, 6.275, 280.595

Trichromacy



Original Color
61, 53.053, 303.850

Protanomaly
61, 51.732, 291.865

Deuteranomaly
61, 45.600, 289.871

Tritanomaly
61, 22.761, 298.813

Monochromacy



Original Color
61, 53.053, 303.850

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 18.922, 301.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.053, 303.850 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(157, 132, 225)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 225)  
}
```

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(157, 132, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.053, 303.850 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(157, 132, 225) }
```

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

```
.border{ border-color:rgb(157, 132, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 132, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 225);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.053, 303.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 225) }
```

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

```
.background{ background-color: rgb(157,  
132, 225) }
```

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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