

Converting Colors

CIELCh(61, 61.587, 299.544)

Have a look what the booklet for
CIELCh(61, 61.587, 299.544)
contains.

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Color

CIELCh(61, 61.430, 299.591)

Conversions

Conversions Part 1

Format	Color
Hex	9185F2
RGB	145, 133, 242
RGB Percent	57%, 52%, 95%
CMY	0.4309, 0.4780, 0.0506
CMYK	0.40, 0.45, 0.00, 0.05
HSL	247°, 81%, 74%
HSV	247°, 45%, 95%
XYZ	36.1398, 29.2481, 87.8303
YIQ	149.0140, -27.8370, 36.4430

Conversions

Conversions Part 2

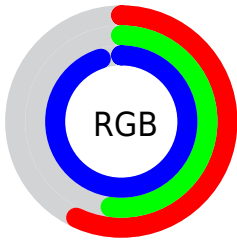
Format	Color
R_{YB}	145, 133, 242
Decimal	9537010
CIE Lab	61.00, 30.33, -53.42
CIE LCh	61, 61.430, 299.591
Yxy	29.2481, 0.2359, 0.1909
Android (android.graphics.Color)	4287727090 (0xFF9185F2)
YUV	149.0140, 45.8421, -3.5203
Hunter-Lab	54.0815, 24.6392, -58.4319

Details

The CIELCh color **61, 61.430, 299.591** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93, 54.591, 110.924**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 37.409, 301.308**, and **41, 61.522, 299.571** is the 20% darker color. If you saturate the color by 10%, you get **54, 76.431, 301.171**, and if you desaturate by 10%, it is **69, 46.840, 298.168**.

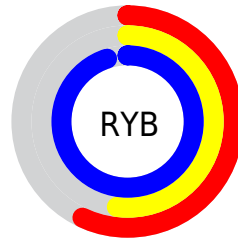
Distribution



Red (57%)

Green (52%)

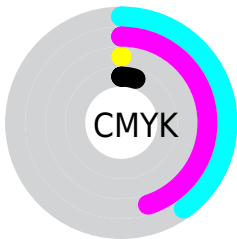
Blue (95%)



Red (57%)

Yellow (52%)

Blue (95%)

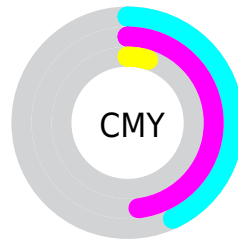


Cyan (40%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (43%)


Magenta (48%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 61.430, 299.591 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, 61.430, 299.591 by changing the saturation by 10% instead.


 61, 61.430,
299.591


 61, 61.430,
299.591


 100, 61.430,
299.591


 51, 61.430,
299.591


 81, 61.430,
299.591

 41, 61.430,
299.591

 91, 61.430,
299.591

 31, 61.430,
299.591

 21, 61.430,
299.591

 11, 61.430,
299.591

 1, 61.430, 299.591

 0, 61.430, 299.591

■ 61, 61.430,
299.591

■ 61, 61.430,
299.591

■ 54, 76.431,
301.171

■ 69, 46.840,
298.168

■ 47, 91.487,
302.835

■ 76, 32.787,
296.920

■ 40, 105.779,
304.434

■ 84, 19.290,
295.843

■ 35, 117.802,
305.722

■ 92, 6.331, 294.922

■ 32, 125.629,
306.419

■ 99, 6.123, 114.125

■ 31, 128.020,
306.595

■ 100, 6.524,
109.678

Harmonies

Complementary

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



61, 61.430, 299.591



93, 54.591, 110.924

Rectangle

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



61, 61.430, 299.591



61, 61.430, 349.591



61, 61.430, 119.591



61, 61.430, 169.591

Sweetspot

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



61, 61.429, 299.591



89, 18.709, 295.746



86, 29.758, 208.730



46, 12.972, 295.962



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, 61.429, 299.591



57, 78.117, 301.027



66, 63.415, 314.508



46, 7.158, 295.313



22, 103.917, 306.666



3, 38.099, 301.317

Inverse Universe

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



70, 62.963, 330.254



70, 77.116, 330.784



89, 60.354, 130.358



47, 7.981, 328.112



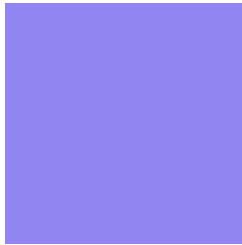
42, 82.826, 333.166



10, 36.592, 332.408

Previews

White Background



This preview shows how the CIELCh color 61, 61.430, 299.591 looks on a white background.

Color Contrast Check

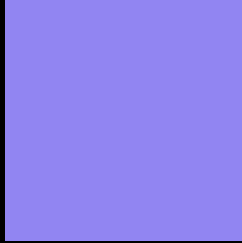
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.430, 299.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

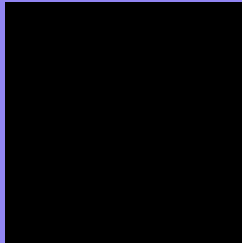
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 61.430, 299.591

Background



This preview shows how black text looks on a background with the CIELCh color 61, 61.430, 299.591.



This preview shows how white text looks on a background with the CIELCh color 61, 61.430, 299.591.

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, 11.007, 236.833

Trichromacy



Original Color
61, 61.430, 299.591

Protanomaly
61, 61.273, 291.015

Deuteranomaly
61, 54.715, 287.077

Tritanomaly
61, 27.198, 285.500

Monochromacy



Original Color
61, 61.430, 299.591

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 22.663, 297.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 61.430, 299.591 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(145, 133, 242)` looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 242)  
}
```

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(145, 133, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 61.430, 299.591 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(145, 133, 242) }
```

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

```
.border{ border-color:rgb(145, 133, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 133, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 242);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 61.430, 299.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 242) }
```

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

```
.background{ background-color: rgb(145,  
133, 242) }
```

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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