

Converting Colors

CIELCh(61, 31.295, 295.006)

Have a look what the booklet for
CIELCh(61, 31.295, 295.006)
contains.

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Color

CIELCh(61, 31.033, 294.743)

Conversions

Conversions Part 1

Format	Color
Hex	908EC5
RGB	144, 142, 197
RGB Percent	56%, 56%, 77%
CMY	0.4358, 0.4436, 0.2280
CMYK	0.27, 0.28, 0.00, 0.23
HSL	242°, 32%, 66%
HSV	242°, 28%, 77%
XYZ	31.1927, 29.2481, 56.7392
YIQ	148.8680, -16.4630, 17.5290

Conversions

Conversions Part 2

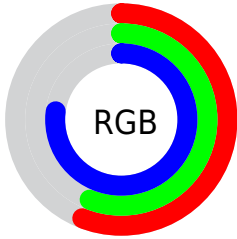
Format	Color
RYB	144, 142, 197
Decimal	9473733
CIELab	61.00, 12.99, -28.18
CIElCh	61, 31.033, 294.743
Yxy	29.2481, 0.2662, 0.2496
Android (android.graphics.Color)	4287663813 (0xFF908EC5)
YUV	148.8680, 23.7291, -4.2692
Hunter-Lab	54.0815, 8.3110, -24.3465

Details

The CIELCh color $61, 31.033, 294.743$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 29.031, 109.078$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 30.902, 294.642$, and $41, 30.965, 294.618$ is the 20% darker color. If you saturate the color by 10%, you get $54, 43.039, 296.241$, and if you desaturate by 10%, it is $68, 19.514, 293.457$.

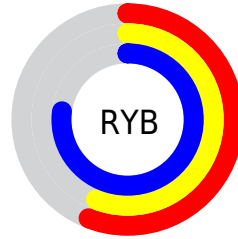
Distribution



Red (56%)

Green (56%)

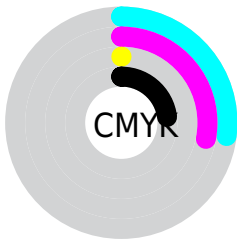
Blue (77%)



Red (56%)

Yellow (56%)

Blue (77%)

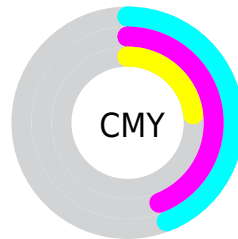


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.033, 294.743 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, 31.033, 294.743 by changing the saturation by 10% instead.

■ 61, 31.033,
294.743

■ 61, 31.033,
294.743

■ 100, 31.033,
294.743

■ 51, 31.033,
294.743

■ 81, 31.033,
294.743

■ 41, 31.033,
294.743

■ 91, 31.033,
294.743

■ 31, 31.033,
294.743

■ 21, 31.033,
294.743

■ 11, 31.033,
294.743

■ 1, 31.033, 294.743

■ 0, 31.033, 294.743

61, 31.033,
294.743

61, 31.033,
294.743

54, 43.039,
296.241

68, 19.514,
293.457

48, 55.524,
297.959

74, 8.464, 292.365

42, 68.372,
299.871

81, 2.150, 111.403

36, 81.230,
301.884

87, 12.362,
110.628

30, 93.267,
303.801

94, 22.199,
109.952

27, 102.997,
305.323

99, 29.301,
107.951

24, 108.943,
306.214

24, 109.952,

Harmonies

Complementary

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



61, 31.033, 294.743



78, 29.031, 109.078

Rectangle

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



61, 31.033, 294.743



61, 31.033, 344.743



61, 31.033, 114.743



61, 31.033, 164.743

Sweetspot

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



61, 31.032, 294.743



94, 10.535, 292.384



75, 17.971, 201.252



49, 7.509, 292.540



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, 31.032, 294.743



72, 47.254, 295.705



63, 32.539, 311.516



38, 6.118, 292.512



19, 95.633, 306.412



1, 21.525, 292.705

Inverse Universe

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



66, 35.309, 326.963



80, 52.840, 327.320



76, 31.401, 128.957



39, 7.203, 325.921



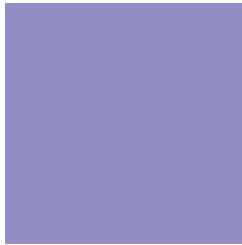
38, 80.461, 329.714



4, 25.927, 328.222

Previews

White Background



This preview shows how the CIELCh color 61, 31.033, 294.743 looks on a white background.

Color Contrast Check

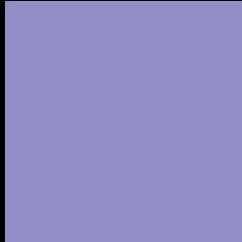
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.033, 294.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

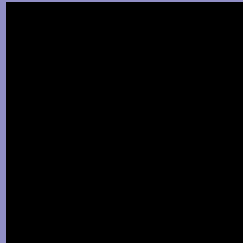
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 31.033, 294.743

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.033, 294.743.



This preview shows how white text looks on a background with the CIELCh color 61, 31.033, 294.743.

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



Original Color

61, 31.033, 294.743

Protanopia

61, 30.581, 285.048

Deuteranopia

61, 28.825, 286.159



Tritanopia
61, 7.961, 257.445

Trichromacy



Original Color
61, 31.033, 294.743

Protanomaly
61, 30.450, 288.583

Deuteranomaly
61, 29.301, 289.501

Tritanomaly
61, 15.907, 282.988

Monochromacy



Original Color
61, 31.033, 294.743

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.278, 293.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.033, 294.743 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(144, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 197)  
}
```

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(144, 142, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.033, 294.743 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(144, 142, 197) }
```

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

```
.border{ border-color:rgb(144, 142, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.033, 294.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 197) }
```

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

```
.background{ background-color: rgb(144,  
142, 197) }
```

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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