

Converting Colors

CIELCh(61, 13.924, 310.725)

Have a look what the booklet for
CIELCh(61, 13.924, 310.725)
contains.

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Color

CIELCh(61, 13.771, 310.425)

Conversions

Conversions Part 1

Format	Color
Hex	9B8FA6
RGB	155, 143, 166
RGB Percent	61%, 56%, 65%
CMY	0.3932, 0.4403, 0.3501
CMYK	0.07, 0.14, 0.00, 0.35
HSL	271°, 11%, 60%
HSV	271°, 14%, 65%
XYZ	30.1043, 29.2481, 40.0018
YIQ	149.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

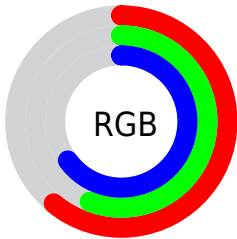
Format	Color
R_{YB}	155, 143, 166
Decimal	10194854
CIE _{Lab}	61.00, 8.93, -10.48
CIE _{LCh}	61, 13.771, 310.425
Yxy	29.2481, 0.3030, 0.2944
Android (android.graphics.Color)	4288384934 (0xFF9B8FA6)
YUV	149.2100, 8.2775, 5.0778
Hunter-Lab	54.0815, 4.7186, -5.9972

Details

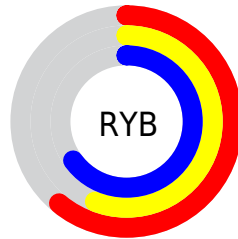
The CIELCh color $61, 13.771, 310.425$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 13.525, 129.229$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.630, 310.973$, and $41, 13.536, 310.682$ is the 20% darker color. If you saturate the color by 10%, you get $56, 24.000, 310.908$, and if you desaturate by 10%, it is $66, 3.795, 309.957$.

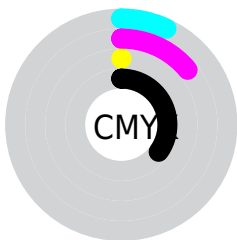
Distribution



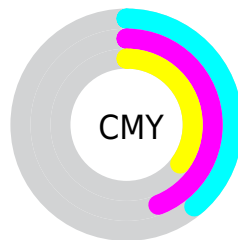
- Red (61%)
- Green (56%)
- Blue (65%)



- Red (61%)
- Yellow (56%)
- Blue (65%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)





- Cyan (39%)
- Magenta (44%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.771, 310.425 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, 13.771, 310.425 by changing the saturation by 10% instead.


 61, 13.771,
310.425


 61, 13.771,
310.425


 100, 13.771,
310.425


 51, 13.771,
310.425


 81, 13.771,
310.425

 41, 13.771,
310.425

 91, 13.771,
310.425

 31, 13.771,
310.425

 21, 13.771,
310.425

 11, 13.771,
310.425

 1, 13.771, 310.425

 0, 13.771, 310.425

61, 13.771,
310.425

61, 13.771,
310.425

56, 24.000,
310.908

66, 3.795, 309.957

51, 34.430,
311.416

71, 5.895, 129.597

46, 44.947,
311.929

76, 15.294,
129.221

42, 55.358,
312.416

81, 24.405,
128.893

37, 65.342,
312.826

86, 33.236,
128.605

33, 74.419,
313.088

91, 41.801,
128.353


30, 81.956,
313.105


95, 48.005,
127.471

27, 87.296,

96, 46.972,
124.199

312.775

 96, 46.101,
120.725

 26, 89.881,
312.494

Harmonies

Complementary

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



61, 13.771, 310.425



67, 13.525, 129.229

Rectangle

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



61, 13.771, 310.425



61, 13.771, 0.425



61, 13.771, 130.425



61, 13.771, 180.425

Sweetspot

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



61, 13.769, 310.424



83, 4.831, 309.966



63, 7.700, 259.100



43, 3.430, 310.002



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 13.769, 310.424



75, 20.886, 310.587



62, 15.425, 325.624



32, 5.510, 310.209



22, 81.544, 312.617



1, 8.389, 308.102

Inverse Universe

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



62, 10.869, 345.990



76, 16.474, 346.318



66, 15.407, 144.066



32, 4.352, 345.560



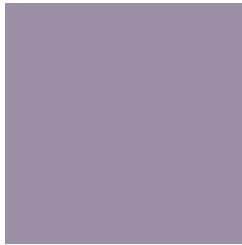
31, 55.656, 3.133



1, 6.497, 347.406

Previews

White Background



This preview shows how the CIELCh color 61, 13.771, 310.425 looks on a white background.

Color Contrast Check

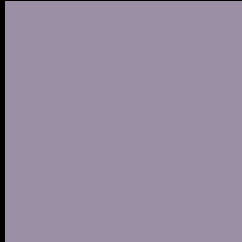
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.771, 310.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

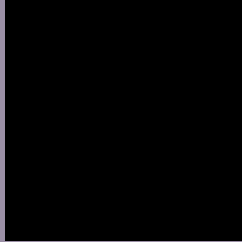
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.771, 310.425

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.771, 310.425.



This preview shows how white text looks on a background with the CIELCh color 61, 13.771, 310.425.

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, 13.771, 310.425

Protanopia

61, 12.401, 288.200

Deuteranopia

61, 13.547, 307.424



Tritanopia
61, 7.622, 317.593

Trichromacy



Original Color
61, 13.771, 310.425

Protanomaly
61, 12.470, 296.598

Deuteranomaly
61, 13.654, 308.934

Tritanomaly
61, 9.820, 313.706

Monochromacy



Original Color
61, 13.771, 310.425

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.774, 309.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.771, 310.425 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(155, 143, 166)` looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 166)  
}
```

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(155, 143, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.771, 310.425 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(155, 143, 166) }
```

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

```
.border{ border-color:rgb(155, 143, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 143, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 143, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 143, 166);  
box-shadow:4px 4px 4px 4px rgb(155, 143,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.771, 310.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 166) }
```

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

```
.background{ background-color: rgb(155,  
143, 166) }
```

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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