

Converting Colors

CIELCh(61, 15.477, 299.149)

Have a look what the booklet for
CIELCh(61, 15.477, 299.149)
contains.

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Color

CIELCh(61, 15.369, 298.616)

Conversions

Conversions Part 1

Format	Color
Hex	9590AB
RGB	149, 144, 171
RGB Percent	58%, 56%, 67%
CMY	0.4159, 0.4355, 0.3297
CMYK	0.13, 0.16, 0.00, 0.33
HSL	251°, 14%, 62%
HSV	251°, 16%, 67%
XYZ	29.6904, 29.2481, 42.5755
YIQ	148.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

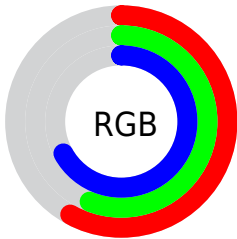
Format	Color
RYB	149, 144, 171
Decimal	9801899
CIELab	61.00, 7.36, -13.49
CIELCh	61, 15.369, 298.616
Yxy	29.2481, 0.2925, 0.2881
Android (android.graphics.Color)	4287991979 (0xFF9590AB)
YUV	148.5730, 11.0565, 0.3745
Hunter-Lab	54.0815, 3.3526, -8.8188

Details

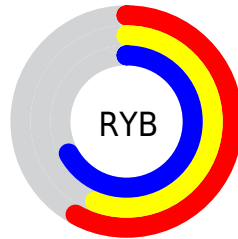
The CIELCh color $61, 15.369, 298.616$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 14.862, 116.334$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.032, 298.110$, and $41, 15.305, 298.117$ is the 20% darker color. If you saturate the color by 10%, you get $55, 25.580, 299.521$, and if you desaturate by 10%, it is $67, 5.536, 297.825$.

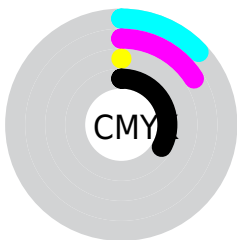
Distribution



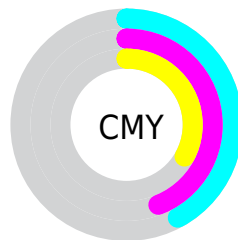
- Red (58%)
- Green (56%)
- Blue (67%)



- Red (58%)
- Yellow (56%)
- Blue (67%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)





- Cyan (42%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.369, 298.616 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, 15.369, 298.616 by changing the saturation by 10% instead.


 61, 15.369,
298.616


 61, 15.369,
298.616


 100, 15.369,
298.616


 51, 15.369,
298.616


 81, 15.369,
298.616

 41, 15.369,
298.616

 91, 15.369,
298.616

 31, 15.369,
298.616

 21, 15.369,
298.616

 11, 15.369,
298.616

 1, 15.369, 298.616

 0, 15.369, 298.616

61, 15.369,
298.616

61, 15.369,
298.616

55, 25.580,
299.521

67, 5.536, 297.825

50, 36.176,
300.556

72, 3.931, 117.147

44, 47.124,
301.717

78, 13.053,
116.560

39, 58.315,
302.981

84, 21.852,
116.055

33, 69.486,
304.288

89, 30.350,
115.621

29, 80.089,
305.520

94, 38.566,
115.247

25, 89.168,
306.488

98, 42.227,
111.475

22, 95.533,

98, 42.079,
106.965

306.980

■ 21, 97.790,
307.174

Harmonies

Complementary

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



61, 15.369, 298.616



69, 14.862, 116.334

Rectangle

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



61, 15.369, 298.616



61, 15.369, 348.616



61, 15.369, 118.616



61, 15.369, 168.616

Sweetspot

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



61, 15.367, 298.614



85, 5.900, 297.774



67, 8.359, 218.003



45, 4.062, 297.824



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 15.367, 298.614



75, 23.010, 298.921



62, 16.704, 315.850



34, 5.507, 298.090



18, 88.936, 307.242



1, 11.424, 296.096

Inverse Universe

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



63, 16.041, 330.962



78, 23.889, 331.188



68, 16.493, 134.527



34, 5.797, 330.548



34, 67.654, 337.092



2, 11.589, 332.485

Previews

White Background



This preview shows how the CIELCh color 61, 15.369, 298.616 looks on a white background.

Color Contrast Check

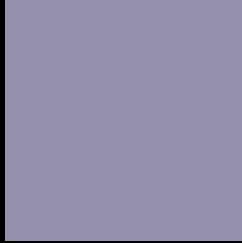
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.369, 298.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

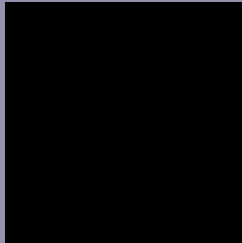
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

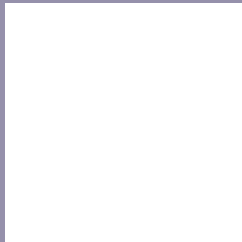
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 15.369, 298.616

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.369, 298.616.



This preview shows how white text looks on a background with the CIELCh color 61, 15.369, 298.616.

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, 15.369, 298.616

Protanopia

61, 14.684, 286.216

Deuteranopia

61, 15.419, 299.959



Tritanopia
61, 6.780, 294.107

Trichromacy



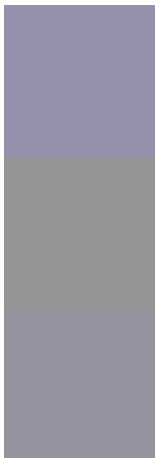
Original Color
61, 15.369, 298.616

Protanomaly
61, 15.221, 291.858

Deuteranomaly
61, 15.419, 299.959

Tritanomaly
61, 10.229, 297.536

Monochromacy



Original Color
61, 15.369, 298.616

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 5.692, 298.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.369, 298.616 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(149, 144, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 144, 171)  
}
```

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(149, 144, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 144, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.369, 298.616 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(149, 144, 171) }
```

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

```
.border{ border-color:rgb(149, 144, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 144, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 144, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 144, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 144,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.369, 298.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 144, 171) }
```

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

```
.background{ background-color: rgb(149,  
144, 171) }
```

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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