

Converting Colors

CIELCh(61, 13.698, 302.972)

Have a look what the booklet for
CIELCh(61, 13.698, 302.972)
contains.

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Color

CIELCh(61, 13.265, 302.783)

Conversions

Conversions Part 1

Format	Color
Hex	9790A7
RGB	151, 144, 167
RGB Percent	59%, 56%, 65%
CMY	0.4085, 0.4359, 0.3457
CMYK	0.10, 0.14, 0.00, 0.35
HSL	258°, 12%, 61%
HSV	258°, 14%, 65%
XYZ	29.6436, 29.2481, 40.5649
YIQ	148.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

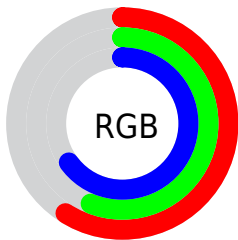
Format	Color
RYB	151, 144, 167
Decimal	9932967
CIELab	61.00, 7.18, -11.15
CIElCh	61, 13.265, 302.783
Yxy	29.2481, 0.2981, 0.2941
Android (android.graphics.Color)	4288123047 (0xFF9790A7)
YUV	148.7150, 9.0145, 2.0039
Hunter-Lab	54.0815, 3.1981, -6.6146

Details

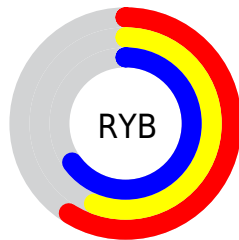
The CIELCh color $61, 13.265, 302.783$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.924, 121.195$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.044, 302.144$, and $41, 13.018, 302.378$ is the 20% darker color. If you saturate the color by 10%, you get $56, 23.284, 303.474$, and if you desaturate by 10%, it is $66, 3.581, 302.161$.

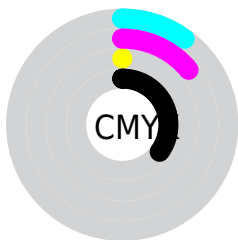
Distribution



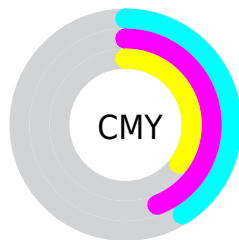
- Red (59%)
- Green (56%)
- Blue (65%)



- Red (59%)
- Yellow (56%)
- Blue (65%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 13.265, 302.783 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, 13.265, 302.783 by changing the saturation by 10% instead.

■ 61, 13.265,
302.783

■ 61, 13.265,
302.783

■ 100, 13.265,
302.783

■ 51, 13.265,
302.783

■ 81, 13.265,
302.783

■ 41, 13.265,
302.783

■ 91, 13.265,
302.783

■ 31, 13.265,
302.783

■ 21, 13.265,
302.783

■ 11, 13.265,
302.783

■ 1, 13.265, 302.783

■ 0, 13.265, 302.783

61, 13.265,
302.783

61, 13.265,
302.783

56, 23.284,
303.474

66, 3.581, 302.161

50, 33.632,
304.248

72, 5.766, 121.646

45, 44.255,
305.096

77, 14.791,
121.177

40, 55.034,
305.992

82, 23.512,
120.773

35, 65.719,
306.886

88, 31.945,
120.425

30, 75.844,
307.690

93, 40.107,
120.125

26, 84.649,
308.262

97, 45.029,
118.123

23, 91.152,

97, 44.308,
112.500

308.431

 98, 44.065,
106.811

 22, 94.364,
308.452

Harmonies

Complementary

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



61, 13.265, 302.783



67, 12.924, 121.195

Rectangle

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



61, 13.265, 302.783



61, 13.265, 352.783



61, 13.265, 122.783



61, 13.265, 172.783

Sweetspot

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



61, 13.263, 302.781



84, 4.690, 302.179



65, 6.938, 232.693



44, 3.363, 302.223



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 13.263, 302.781



75, 20.368, 303.016



62, 14.701, 319.399



33, 5.444, 302.495



19, 86.268, 308.544



1, 9.735, 300.359

Inverse Universe

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



62, 12.601, 335.376



77, 19.273, 335.633



66, 14.599, 138.180



33, 5.194, 335.050



32, 61.536, 344.813



2, 8.912, 337.685

Previews

White Background



This preview shows how the CIELCh color 61, 13.265, 302.783 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, 13.265, 302.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

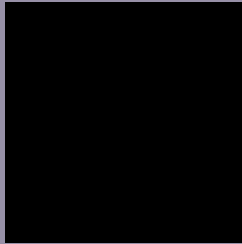
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.265, 302.783

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.265, 302.783.



This preview shows how white text looks on a background with the CIELCh color 61, 13.265, 302.783.

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, 13.265, 302.783

Protanopia

61, 12.420, 286.538

Deuteranopia

61, 13.994, 305.347



Tritanopia
61, 6.318, 301.187

Trichromacy



Original Color
61, 13.265, 302.783

Protanomaly
61, 12.980, 293.219

Deuteranomaly
61, 13.994, 305.347

Tritanomaly
61, 9.240, 302.833

Monochromacy



Original Color
61, 13.265, 302.783

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.662, 304.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.265, 302.783 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(151, 144, 167)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 167)  
}
```

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(151, 144, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.265, 302.783 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(151, 144, 167) }
```

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

```
.border{ border-color:rgb(151, 144, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 144, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 144, 167); box-shadow:4px 4px 4px 4px rgb(151, 144, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.265, 302.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 167) }
```

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

```
.background{ background-color: rgb(151,  
144, 167) }
```

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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