

Converting Colors

CIELCh(61, 14.460, 303.418)

Have a look what the booklet for
CIELCh(61, 14.460, 303.418)
contains.

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Color

CIELCh(61, 14.460, 303.418)

Conversions

Conversions Part 1

Format	Color
Hex	978FA8
RGB	151, 143, 168
RGB Percent	59%, 56%, 66%
CMY	0.4060, 0.4374, 0.3394
CMYK	0.10, 0.15, 0.00, 0.34
HSL	259°, 13%, 61%
HSV	259°, 15%, 66%
XYZ	29.8490, 29.2481, 41.3455
YIQ	148.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

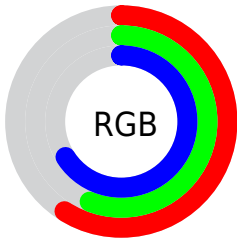
Format	Color
R_{YB}	151, 143, 168
Decimal	9932712
CIE Lab	61.00, 7.96, -12.07
CIE LCh	61, 14.460, 303.418
Yxy	29.2481, 0.2972, 0.2912
Android (android.graphics.Color)	4288122792 (0xFF978FA8)
YUV	148.2420, 9.7407, 2.4188
Hunter-Lab	54.0815, 3.8760, -7.4703

Details

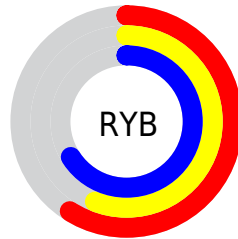
The CIELCh color $61, 14.460, 303.418$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 14.068, 121.744$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.169, 302.782$, and $41, 14.305, 303.147$ is the 20% darker color. If you saturate the color by 10%, you get $56, 24.609, 304.097$, and if you desaturate by 10%, it is $66, 4.644, 302.806$.

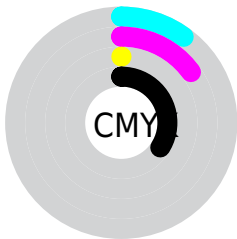
Distribution



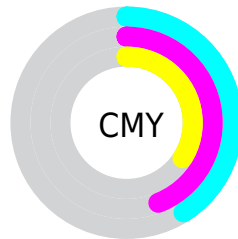
- Red (59%)
- Green (56%)
- Blue (66%)



- Red (59%)
- Yellow (56%)
- Blue (66%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)





- Cyan (41%)
- Magenta (44%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.460, 303.418 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, 14.460, 303.418 by changing the saturation by 10% instead.


 61, 14.460,
303.418


 61, 14.460,
303.418


 100, 14.460,
303.418


 51, 14.460,
303.418


 81, 14.460,
303.418

 41, 14.460,
303.418

 91, 14.460,
303.418

 31, 14.460,
303.418

 21, 14.460,
303.418

 11, 14.460,
303.418

 1, 14.460, 303.418

 0, 14.460, 303.418

61, 14.460,
303.418

61, 14.460,
303.418

56, 24.609,
304.097

66, 4.644, 302.806

50, 35.078,
304.854

72, 4.835, 122.298

45, 45.804,
305.676

77, 13.990,
121.831

40, 56.649,
306.535

83, 22.836,
121.430

35, 67.338,
307.379

88, 31.391,
121.083

30, 77.369,
308.112

93, 39.672,
120.786


26, 85.954,
308.595


97, 44.293,
118.580

24, 92.135,

97, 43.552,
112.957

308.662

 98, 43.279,
107.101

 22, 94.787,
308.660

Harmonies

Complementary

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



61, 14.460, 303.418



68, 14.068, 121.744

Rectangle

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



61, 14.460, 303.418



61, 14.460, 353.418



61, 14.460, 123.418



61, 14.460, 173.418

Sweetspot

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



61, 14.458, 303.416



85, 4.745, 302.761



65, 7.519, 234.961



44, 3.370, 302.804



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, 14.458, 303.416



75, 21.853, 303.645



62, 16.049, 319.951



33, 5.455, 303.070



19, 86.028, 308.763



1, 9.753, 300.873

Inverse Universe

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



62, 13.541, 336.117



77, 20.386, 336.378



67, 15.942, 138.607



33, 5.136, 335.706



32, 60.943, 345.967



2, 8.804, 338.456

Previews

White Background



This preview shows how the CIELCh color 61, 14.460, 303.418 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, 14.460, 303.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

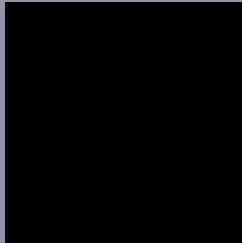
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.460, 303.418

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.460, 303.418.



This preview shows how white text looks on a background with the CIELCh color 61, 14.460, 303.418.

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, 14.460, 303.418

Protanopia

61, 13.540, 287.102

Deuteranopia

61, 14.460, 303.418



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 14.460, 303.418

Protanomaly
61, 13.543, 293.209

Deuteranomaly
61, 14.460, 303.418

Tritanomaly
61, 9.979, 306.438

Monochromacy



Original Color
61, 14.460, 303.418

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 5.209, 303.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.460, 303.418 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, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 168)  
}
```

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, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.460, 303.418 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, 143, 168) }
```

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

```
.border{ border-color:rgb(151, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.460, 303.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 168) }
```

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

```
.background{ background-color: rgb(151,  
143, 168) }
```

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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