

Converting Colors

CIELCh(60, 13.949, 322.465)

Have a look what the booklet for
CIELCh(60, 13.949, 322.465)
contains.

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Color

CIELCh(60, 13.932, 322.461)

Conversions

Conversions Part 1

Format	Color
Hex	9E8BA0
RGB	158, 139, 160
RGB Percent	62%, 55%, 63%
CMY	0.3818, 0.4563, 0.3739
CMYK	0.01, 0.13, 0.00, 0.37
HSL	294°, 10%, 58%
HSV	294°, 13%, 63%
XYZ	29.5269, 28.1233, 36.9666
YIQ	147.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

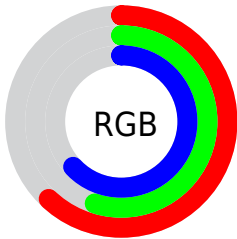
Format	Color
R_{YB}	158, 139, 160
Decimal	10390432
CIE _{Lab}	60.00, 11.05, -8.49
CIE _{LCh}	60, 13.932, 322.461
Yxy	28.1233, 0.3121, 0.2972
Android (android.graphics.Color)	4288580512 (0xFF9E8BA0)
YUV	147.0750, 6.3720, 9.5812
Hunter-Lab	53.0314, 6.5804, -4.2073

Details

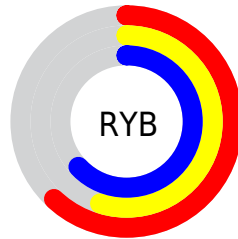
The CIELCh color $60, 13.932, 322.461$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 13.881, 141.173$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 13.810, 322.453$, and $40, 14.237, 322.546$ is the 20% darker color. If you saturate the color by 10%, you get $56, 24.632, 322.946$, and if you desaturate by 10%, it is $64, 3.314, 321.936$.

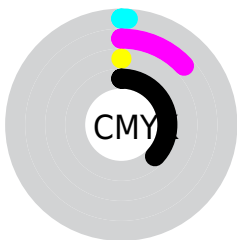
Distribution



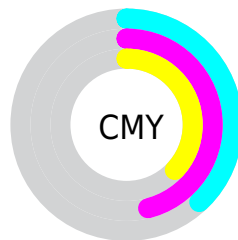
- Red (62%)
- Green (55%)
- Blue (63%)



- Red (62%)
- Yellow (55%)
- Blue (63%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (37%)





- Cyan (38%)
- Magenta (46%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 13.932, 322.461 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 60, 13.932, 322.461 by changing the saturation by 10% instead.


 60, 13.932,
322.461


 60, 13.932,
322.461


 100, 13.932,
322.461


 50, 13.932,
322.461


 80, 13.932,
322.461

 40, 13.932,
322.461

 90, 13.932,
322.461


 30, 13.932,
322.461

 20, 13.932,
322.461

 10, 13.932,
322.461

 0, 13.932, 322.461

 60, 13.932,

 60, 13.932,

322.461

56, 24.632,
322.946

52, 35.263,
323.412

48, 45.596,
323.846

44, 55.321,
324.225

41, 64.051,
324.525

39, 71.359,
324.717

37, 76.855,
324.777

36, 80.315,
324.688

322.461

64, 3.314, 321.936

69, 7.117, 141.556

73, 17.300,
141.088

78, 27.205,
140.654

82, 36.817,
140.247

87, 46.135,
139.868

91, 55.166,
139.516

93, 57.509,
139.141

■ 35, 81.933,
324.573

■ 93, 57.223,
138.744

Harmonies

Complementary

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



60, 13.932, 322.461



64, 13.881, 141.173

Rectangle

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



60, 13.932, 322.461



60, 13.932, 12.461



60, 13.932, 142.461



60, 13.932, 192.461

Sweetspot

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



60, 13.930, 322.461



81, 5.196, 321.994



59, 10.727, 287.278



43, 3.724, 322.035



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 13.930, 322.461



74, 20.947, 322.615



60, 10.836, 339.590



31, 5.928, 322.267



31, 75.505, 324.607



1, 7.660, 321.281

Inverse Universe

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



60, 8.442, 12.583



74, 12.802, 12.901



64, 10.725, 157.652



31, 3.557, 12.203



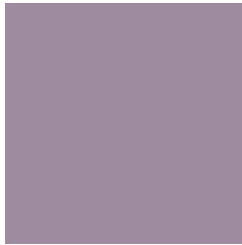
29, 63.859, 35.115



1, 4.519, 11.929

Previews

White Background



This preview shows how the CIELCh color 60, 13.932, 322.461 looks on a white background.

Color Contrast Check

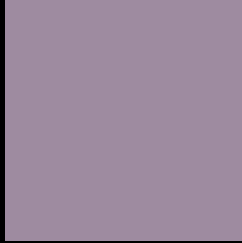
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 13.932, 322.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

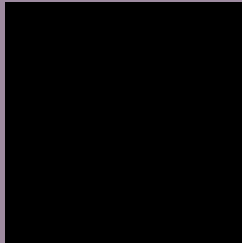
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 13.932, 322.461

Background



This preview shows how black text looks on a background with the CIELCh color 60, 13.932, 322.461.



This preview shows how white text looks on a background with the CIELCh color 60, 13.932, 322.461.

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


60, 13.932, 322.461

Protanopia

60, 10.744, 287.473

Deuteranopia

60, 11.040, 313.306



Tritanopia
60, 8.803, 335.457

Trichromacy



Original Color
60, 13.932, 322.461

Protanomaly
60, 11.564, 302.531

Deuteranomaly
60, 12.031, 317.372

Tritanomaly
60, 10.296, 330.342

Monochromacy



Original Color
60, 13.932, 322.461

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.282, 321.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 13.932, 322.461 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(158, 139, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 160)  
}
```

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(158, 139, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 13.932, 322.461 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(158, 139, 160) }
```

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

```
.border{ border-color:rgb(158, 139, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 13.932, 322.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 160) }
```

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

```
.background{ background-color: rgb(158,  
139, 160) }
```

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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