

Converting Colors

CIELCh(67, 6.683, 174.014)

Have a look what the booklet for
CIELCh(67, 6.683, 174.014) contains.

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Color

CIELCh(67, 6.634, 174.294)

Conversions

Conversions Part 1

Format	Color
Hex	97A7A2
RGB	151, 167, 162
RGB Percent	59%, 65%, 64%
CMY	0.4093, 0.3466, 0.3662
CMYK	0.10, 0.00, 0.03, 0.35
HSL	161°, 8%, 62%
HSV	161°, 10%, 65%
XYZ	32.9256, 36.6320, 39.3370
YIQ	161.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

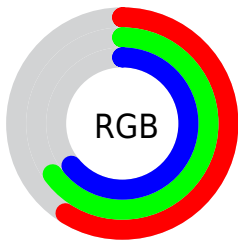
Format	Color
RYB	151, 160, 167
Decimal	9938850
CIELab	67.00, -6.60, 0.66
CIELCh	67, 6.634, 174.294
Yxy	36.6320, 0.3024, 0.3364
Android (android.graphics.Color)	4288128930 (0xFF97A7A2)
YUV	161.6460, 0.1745, -9.3365
Hunter-Lab	60.5244, -8.8125, 3.8323

Details

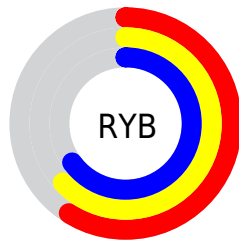
The CIELCh color $67, 6.634, 174.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.811, 355.928$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.619, 175.743$, and $47, 6.729, 172.589$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.431, 173.287$, and if you desaturate by 10%, it is $68, 0.282, 353.660$.

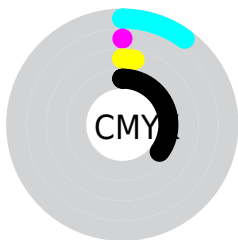
Distribution



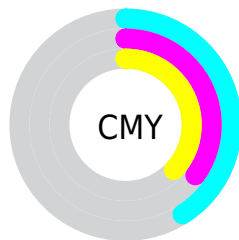
- Red (59%)
- Green (65%)
- Blue (64%)



- Red (59%)
- Yellow (63%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.634, 174.294 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 67, 6.634, 174.294 by changing the saturation by 10% instead.

■ 67, 6.634, 174.294

■ 67, 6.634, 174.294

■ 100, 6.634,
174.294

■ 57, 6.634, 174.294

■ 87, 6.634, 174.294

■ 47, 6.634, 174.294

■ 97, 6.634, 174.294

■ 37, 6.634, 174.294

■ 27, 6.634, 174.294

■ 17, 6.634, 174.294

■ 7, 6.634, 174.294

■ 0, 6.634, 174.294

■ 67, 6.634, 174.294

■ 67, 6.634, 174.294

■ 66, 13.431,

■ 68, 0.282, 353.660

173.287

70, 7.242, 355.916

65, 20.009,
172.231

72, 14.181,
356.745

64, 26.264,
171.084

73, 21.051,
357.515

63, 32.083,
169.825

75, 27.817,
358.245

62, 37.357,
168.428

77, 34.455,
358.941

61, 41.997,
166.871

78, 36.810,
356.118

61, 45.946,
165.132

78, 37.826,
352.223

61, 49.200,
163.196

78, 39.022,
348.568

61, 51.919,
161.134

Harmonies

Complementary

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



67, 6.634, 174.294



64, 6.811, 355.928

Rectangle

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



67, 6.634, 174.294



67, 6.634, 224.294



67, 6.634, 354.294



67, 6.634, 44.294

Sweetspot

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



67, 6.635, 174.286



86, 2.574, 175.016



67, 9.797, 134.817



46, 1.967, 174.906



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 6.635, 174.286



85, 10.255, 174.026



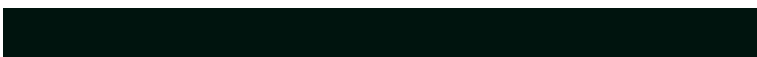
66, 5.060, 217.849



35, 3.944, 174.317



54, 47.488, 161.289



5, 7.590, 170.142

Inverse Universe

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



64, 6.811, 355.928



80, 10.598, 356.205



64, 5.370, 37.371



33, 4.045, 355.896



31, 57.784, 18.870



2, 7.089, 358.138

Previews

White Background



This preview shows how the CIELCh color 67, 6.634, 174.294 looks on a white background.

Color Contrast Check

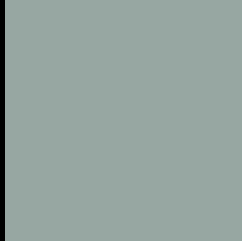
Large Text (above 18pt) WCAG AA × Fail

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 67, 6.634, 174.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

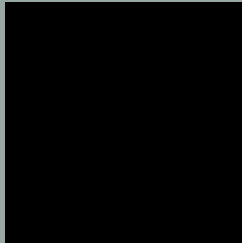
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

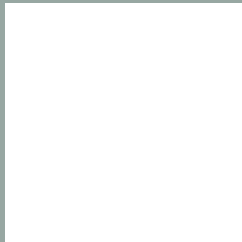
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.634, 174.294

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.634, 174.294.



This preview shows how white text looks on a background with the CIELCh color 67, 6.634, 174.294.

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

67, 6.634, 174.294

Protanopia

67, 2.521, 60.247

Deuteranopia

67, 8.198, 0.534



Tritanopia
67, 8.125, 261.670

Trichromacy



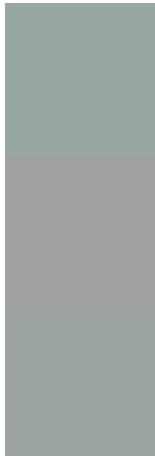
Original Color
67, 6.634, 174.294

Protanomaly
67, 2.489, 137.261

Deuteranomaly
67, 2.741, 7.886

Tritanomaly
67, 5.740, 234.505

Monochromacy



Original Color
67, 6.634, 174.294

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.535, 173.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.634, 174.294 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, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 162)  
}
```

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, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.634, 174.294 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, 167, 162) }
```

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

```
.border{ border-color:rgb(151, 167, 162) }
```

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

Here you see how a box with a 4 pixel rgb(151, 167, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 167,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.634, 174.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 162) }
```

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

```
.background{ background-color: rgb(151,  
167, 162) }
```

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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