

Converting Colors

CIELCh(67, 13.751, 276.232)

Have a look what the booklet for
CIELCh(67, 13.751, 276.232)
contains.

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Color

CIELCh(67, 13.633, 276.612)

Conversions

Conversions Part 1

Format	Color
Hex	99A3BB
RGB	153, 163, 187
RGB Percent	60%, 64%, 73%
CMY	0.3994, 0.3602, 0.2660
CMYK	0.18, 0.13, 0.00, 0.27
HSL	222°, 20%, 67%
HSV	222°, 18%, 73%
XYZ	35.2779, 36.6320, 52.3150
YIQ	162.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

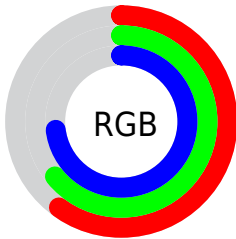
Format	Color
R _Y B	153, 161, 187
Decimal	10068923
CIE Lab	67.00, 1.57, -13.54
CIE LCh	67, 13.633, 276.612
Yxy	36.6320, 0.2840, 0.2949
Android (android.graphics.Color)	4288259003 (0xFF99A3BB)
YUV	162.7460, 11.9572, -8.5472
Hunter-Lab	60.5244, -1.8750, -8.8810

Details

The CIELCh color $67, 13.633, 276.612$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 13.574, 91.898$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.443, 276.683$, and $47, 13.922, 278.332$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.350, 278.280$, and if you desaturate by 10%, it is $72, 6.072, 275.188$.

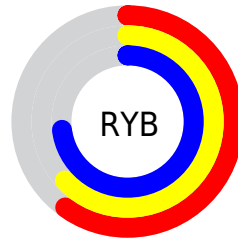
Distribution



Red (60%)

Green (64%)

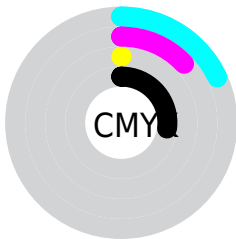
Blue (73%)



Red (60%)

Yellow (63%)

Blue (73%)

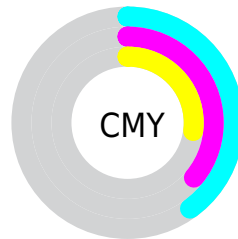


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (40%)


Magenta (36%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.633, 276.612 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, 13.633, 276.612 by changing the saturation by 10% instead.


 67, 13.633,
276.612


 67, 13.633,
276.612


 100, 13.633,
276.612


 57, 13.633,
276.612


 87, 13.633,
276.612

 47, 13.633,
276.612

 97, 13.633,
276.612

 37, 13.633,
276.612

 27, 13.633,
276.612

 17, 13.633,
276.612

 7, 13.633, 276.612

 0, 13.633, 276.612

67, 13.633,
276.612

67, 13.633,
276.612

62, 21.350,
278.280

72, 6.072, 275.188

57, 29.241,
280.237

77, 1.338, 93.764

82, 8.600, 92.822

52, 37.323,
282.515

87, 15.719, 91.901

48, 45.626,
285.143

91, 22.696, 91.089

95, 28.530, 98.179

43, 54.178,
288.116

99, 34.115,
107.580

39, 62.976,
291.379

34, 71.929,
294.798

31, 80.779,

298.123

■ 30, 82.365,
298.671

Harmonies

Complementary

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



67, 13.633, 276.612



72, 13.574, 91.898

Rectangle

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



67, 13.633, 276.612



67, 13.633, 326.612



67, 13.633, 96.612



67, 13.633, 146.612

Sweetspot

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



67, 13.632, 276.608



93, 4.573, 274.806



73, 13.595, 174.285



49, 3.147, 274.890



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 13.632, 276.608



82, 20.441, 277.276



65, 19.147, 299.363



37, 4.245, 275.344



25, 71.754, 298.232



3, 13.894, 280.537

Inverse Universe

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



67, 14.282, 358.158



82, 21.489, 358.657



75, 18.426, 116.766



37, 4.407, 357.187



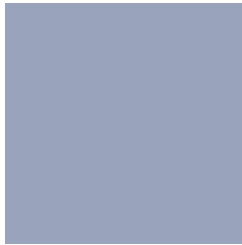
33, 61.273, 20.890



3, 12.825, 2.965

Previews

White Background



This preview shows how the CIELCh color 67, 13.633, 276.612 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, 13.633, 276.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

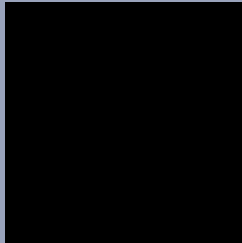
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

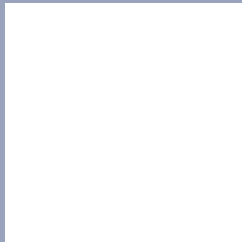
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.633, 276.612

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.633, 276.612.



This preview shows how white text looks on a background with the CIELCh color 67, 13.633, 276.612.

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

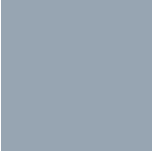
67, 13.633, 276.612

Protanopia

67, 13.287, 286.939

Deuteranopia

67, 16.357, 301.877



Tritanopia
67, 8.658, 255.439

Trichromacy



Original Color
67, 13.633, 276.612

Protanomaly
67, 13.348, 283.917

Deuteranomaly
67, 14.944, 293.068

Tritanomaly
67, 10.221, 266.402

Monochromacy



Original Color
67, 13.633, 276.612

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.164, 274.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.633, 276.612 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(153, 163, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 187)  
}
```

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(153, 163, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.633, 276.612 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(153, 163, 187) }
```

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

```
.border{ border-color:rgb(153, 163, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.633, 276.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 163, 187) }
```

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

```
.background{ background-color: rgb(153,  
163, 187) }
```

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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