

Converting Colors

CIELCh(67, 13.143, 272.814)

Have a look what the booklet for
CIELCh(67, 13.143, 272.814)
contains.

CIELCh(67, 12.756, 272.101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 12.756, 272.101)

Conversions

Conversions Part 1

Format	Color
Hex	98A4BA
RGB	152, 164, 186
RGB Percent	60%, 64%, 73%
CMY	0.4050, 0.3579, 0.2717
CMYK	0.18, 0.12, 0.00, 0.27
HSL	219°, 20%, 66%
HSV	219°, 18%, 73%
XYZ	34.9543, 36.6320, 51.5226
YIQ	162.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

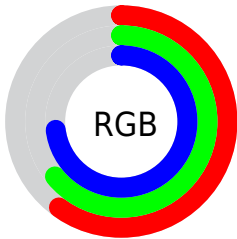
Format	Color
R _Y B	152, 161, 186
Decimal	10003642
CIE Lab	67.00, 0.47, -12.75
CIE LCh	67, 12.756, 272.101
Yxy	36.6320, 0.2839, 0.2976
Android (android.graphics.Color)	4288193722 (0xFF98A4BA)
YUV	162.9200, 11.3784, -9.5768
Hunter-Lab	60.5244, -2.8295, -8.1048

Details

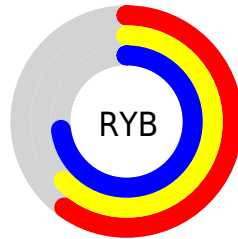
The CIELCh color $67, 12.756, 272.101$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 12.858, 87.197$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.612, 272.368$, and $47, 12.948, 273.696$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.850, 273.827$, and if you desaturate by 10%, it is $72, 5.752, 270.632$.

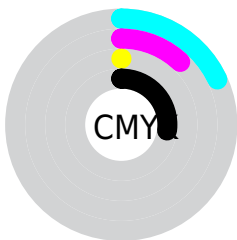
Distribution



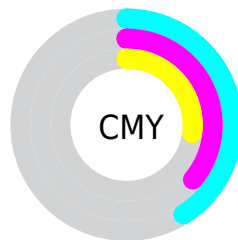
- Red (60%)
- Green (64%)
- Blue (73%)



- Red (60%)
- Yellow (63%)
- Blue (73%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)





- Cyan (41%)
- Magenta (36%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 12.756, 272.101 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, 12.756, 272.101 by changing the saturation by 10% instead.


 67, 12.756,
272.101


 67, 12.756,
272.101


 100, 12.756,
272.101


 57, 12.756,
272.101


 87, 12.756,
272.101

 47, 12.756,
272.101

 97, 12.756,
272.101

 37, 12.756,
272.101

 27, 12.756,
272.101

 17, 12.756,
272.101

 7, 12.756, 272.101

 0, 12.756, 272.101

67, 12.756,
272.101

67, 12.756,
272.101

62, 19.850,
273.827

72, 5.752, 270.632

58, 27.042,
275.856

76, 1.158, 89.103

53, 34.345,
278.226

81, 7.972, 88.176

49, 41.782,
280.970

85, 14.688, 87.229

45, 49.389,
284.094

90, 21.301, 86.392

41, 57.199,
287.556

94, 26.710, 91.970

37, 65.206,
291.240

97, 31.550,
102.711

33, 73.312,

99, 34.831,
107.524

294.906

■ 33, 74.689,
295.476

Harmonies

Complementary

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



67, 12.756, 272.101



71, 12.858, 87.197

Rectangle

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



67, 12.756, 272.101



67, 12.756, 322.101



67, 12.756, 92.101



67, 12.756, 142.101

Sweetspot

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



67, 12.755, 272.096



93, 4.293, 270.226



73, 14.225, 169.835



49, 2.953, 270.310



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, 12.755, 272.096



83, 19.075, 272.766



64, 19.081, 296.979



36, 3.890, 270.770



27, 64.580, 294.949



3, 11.626, 276.768

Inverse Universe

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



66, 14.710, 354.155



82, 22.075, 354.621



74, 18.325, 114.018



36, 4.444, 353.195



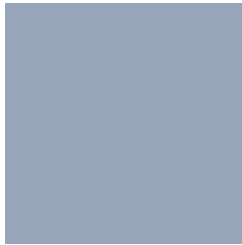
32, 59.169, 15.380



2, 11.413, 358.925

Previews

White Background



This preview shows how the CIELCh color 67, 12.756, 272.101 looks on a white background.

Color Contrast Check

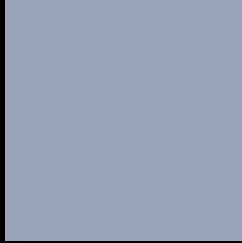
Large Text (above 18pt) WCAG AA × Fail

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, 12.756, 272.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

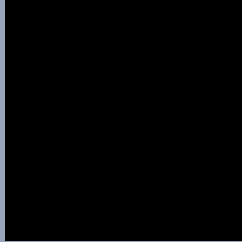
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

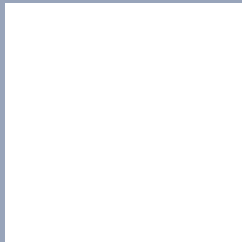
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 12.756, 272.101

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.756, 272.101.



This preview shows how white text looks on a background with the CIELCh color 67, 12.756, 272.101.

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

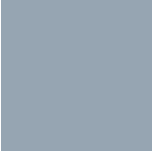
67, 12.756, 272.101

Protanopia

67, 12.188, 286.385

Deuteranopia

67, 15.814, 302.200



Tritanopia
67, 8.857, 253.552

Trichromacy



Original Color
67, 12.756, 272.101

Protanomaly
67, 12.349, 279.824

Deuteranomaly
67, 14.383, 291.655

Tritanomaly
67, 10.028, 261.278

Monochromacy



Original Color
67, 12.756, 272.101

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.639, 272.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.756, 272.101 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(152, 164, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 186)  
}
```

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(152, 164, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.756, 272.101 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(152, 164, 186) }
```

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

```
.border{ border-color:rgb(152, 164, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.756, 272.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 186) }
```

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

```
.background{ background-color: rgb(152,  
164, 186) }
```

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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