

Converting Colors

CIELCh(67, 14.136, 260.598)

Have a look what the booklet for
CIELCh(67, 14.136, 260.598)
contains.

CIELCh(67, 14.424, 261.315)	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, 14.424, 261.315)

Conversions

Conversions Part 1

Format	Color
Hex	90A5BC
RGB	144, 165, 188
RGB Percent	56%, 65%, 74%
CMY	0.4340, 0.3516, 0.2614
CMYK	0.23, 0.12, 0.00, 0.26
HSL	211°, 25%, 65%
HSV	211°, 23%, 74%
XYZ	34.1855, 36.6320, 53.0359
YIQ	161.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

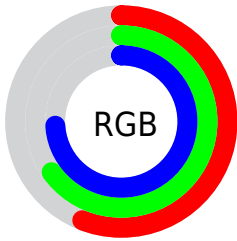
Format	Color
RYB	144, 158, 188
Decimal	9479612
CIELab	67.00, -2.18, -14.26
CIElCh	67, 14.424, 261.315
Yxy	36.6320, 0.2760, 0.2958
Android (android.graphics.Color)	4287669692 (0xFF90A5BC)
YUV	161.3430, 13.1419, -15.2098
Hunter-Lab	60.5244, -5.0967, -9.5872

Details

The CIELCh color $67, 14.424, 261.315$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 15.214, 74.904$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.369, 260.485$, and $47, 14.605, 262.724$ is the 20% darker color. If you saturate the color by 10%, you get $63, 20.504, 263.244$, and if you desaturate by 10%, it is $71, 8.281, 259.689$.

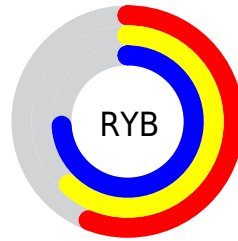
Distribution



Red (56%)

Green (65%)

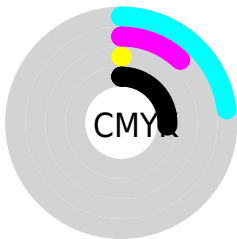
Blue (74%)



Red (56%)

Yellow (62%)

Blue (74%)

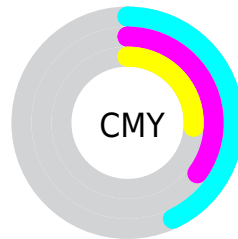


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (43%)


Magenta (35%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.424, 261.315 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, 14.424, 261.315 by changing the saturation by 10% instead.


 67, 14.424,
261.315


 67, 14.424,
261.315


 100, 14.424,
261.315


 57, 14.424,
261.315


 87, 14.424,
261.315

 47, 14.424,
261.315

 97, 14.424,
261.315

 37, 14.424,
261.315

 27, 14.424,
261.315

 17, 14.424,
261.315

 7, 14.424, 261.315

 0, 14.424, 261.315

67, 14.424,
261.315

67, 14.424,
261.315

63, 20.504,
263.244

71, 8.281, 259.689

59, 26.511,
265.538

75, 2.096, 258.419

79, 4.110, 76.994

55, 32.440,
268.248

83, 10.319, 76.027

52, 38.310,
271.416

87, 16.514, 75.161

91, 22.164, 76.331

48, 44.165,
275.052

93, 24.885, 89.500

45, 50.074,
279.109

96, 28.635, 99.530

41, 56.118,
283.457

98, 33.032,
106.949

39, 60.249,

286.288

Harmonies

Complementary

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



67, 14.424, 261.315



70, 15.214, 74.904

Rectangle

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



67, 14.424, 261.315



67, 14.424, 311.315



67, 14.424, 81.315



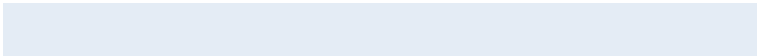
67, 14.424, 131.315

Sweetspot

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



67, 14.423, 261.311



93, 5.377, 258.829



73, 19.942, 162.473



49, 3.492, 258.905



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, 14.423, 261.311



83, 21.338, 262.252



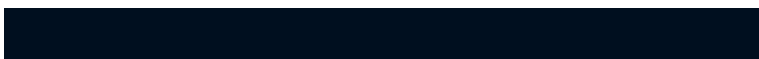
61, 24.794, 293.443



38, 3.521, 259.121



33, 52.222, 285.658



4, 11.817, 270.225

Inverse Universe

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



65, 20.501, 347.009



79, 30.496, 347.559



75, 23.482, 108.654



37, 4.906, 345.637



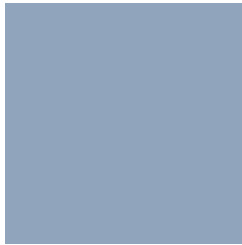
34, 59.159, 3.584



3, 13.778, 352.939

Previews

White Background



This preview shows how the CIELCh color 67, 14.424, 261.315 looks on a white background.

Color Contrast Check

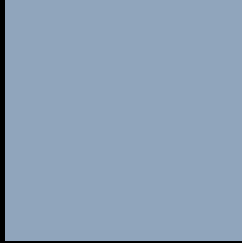
Large Text (above 18pt) WCAG AA × Fail

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, 14.424, 261.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

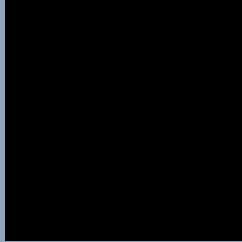
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

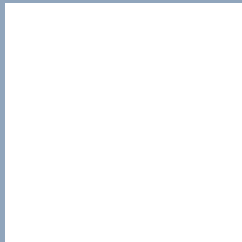
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.424, 261.315

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.424, 261.315.



This preview shows how white text looks on a background with the CIELCh color 67, 14.424, 261.315.

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, 14.424, 261.315

Protanopia
67, 13.837, 288.659

Deuteranopia
67, 17.387, 300.140



Tritanopia
67, 10.922, 240.167

Trichromacy



Original Color
67, 14.424, 261.315

Protanomaly
67, 13.557, 278.035

Deuteranomaly
67, 15.504, 287.867

Tritanomaly
67, 12.165, 249.788

Monochromacy



Original Color
67, 14.424, 261.315

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.556, 263.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.424, 261.315 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(144, 165, 188)` looks like.

```
.text, #text, p{  
    color:rgb(144, 165, 188)  
}
```

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(144, 165, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 165, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.424, 261.315 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(144, 165, 188) }
```

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

```
.border{ border-color:rgb(144, 165, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 165, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 165, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 165, 188);  
box-shadow:4px 4px 4px 4px rgb(144, 165,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.424, 261.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 165, 188) }
```

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

```
.background{ background-color: rgb(144,  
165, 188) }
```

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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