

Converting Colors

CIELCh(67, 14.525, 263.552)

Have a look what the booklet for
CIELCh(67, 14.525, 263.552)
contains.

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Color

CIELCh(67, 14.745, 263.651)

Conversions

Conversions Part 1

Format	Color
Hex	91A5BD
RGB	145, 165, 189
RGB Percent	57%, 65%, 74%
CMY	0.4311, 0.3527, 0.2586
CMYK	0.23, 0.13, 0.00, 0.26
HSL	213°, 25%, 66%
HSV	213°, 23%, 74%
XYZ	34.3437, 36.6320, 53.4373
YIQ	161.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

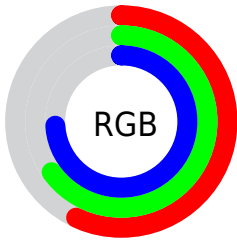
Format	Color
RYB	145, 159, 189
Decimal	9545149
CIELab	67.00, -1.63, -14.65
CIELCh	67, 14.745, 263.651
Yxy	36.6320, 0.2760, 0.2944
Android (android.graphics.Color)	4287735229 (0xFF91A5BD)
YUV	161.7560, 13.4313, -14.6950
Hunter-Lab	60.5244, -4.6303, -9.9804

Details

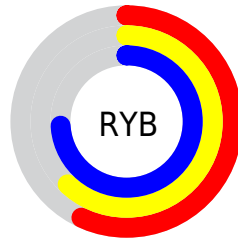
The CIELCh color $67, 14.745, 263.651$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 15.417, 77.205$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.664, 262.731$, and $47, 14.968, 265.148$ is the 20% darker color. If you saturate the color by 10%, you get $63, 21.034, 265.581$, and if you desaturate by 10%, it is $71, 8.422, 262.018$.

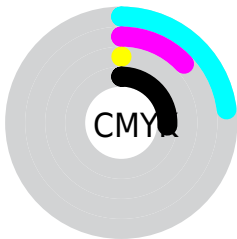
Distribution



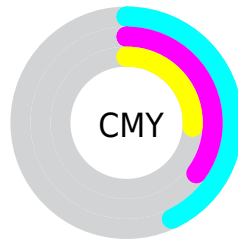
- Red (57%)
- Green (65%)
- Blue (74%)



- Red (57%)
- Yellow (62%)
- Blue (74%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)





- Cyan (43%)
- Magenta (35%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.745, 263.651 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, 14.745, 263.651 by changing the saturation by 10% instead.


 67, 14.745,
263.651


 67, 14.745,
263.651


 100, 14.745,
263.651


 57, 14.745,
263.651


 87, 14.745,
263.651

 47, 14.745,
263.651

 97, 14.745,
263.651

 37, 14.745,
263.651

 27, 14.745,
263.651

 17, 14.745,
263.651

 7, 14.745, 263.651

 0, 14.745, 263.651

67, 14.745,
263.651

67, 14.745,
263.651

63, 21.034,
265.581

71, 8.422, 262.018

59, 27.283,
267.869

75, 2.083, 260.735

79, 4.256, 79.311

55, 33.493,
270.561

84, 10.579, 78.327

51, 39.684,
273.696

88, 16.873, 77.447

92, 22.408, 79.616

47, 45.904,
277.279

94, 25.582, 92.695

44, 52.217,
281.258

97, 29.763,
102.366

41, 58.688,
285.498

99, 33.176,
107.652

38, 63.164,

Harmonies

Complementary

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



67, 14.745, 263.651



70, 15.417, 77.205

Rectangle

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



67, 14.745, 263.651



67, 14.745, 313.651



67, 14.745, 83.651



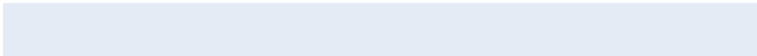
67, 14.745, 133.651

Sweetspot

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



67, 14.744, 263.647



93, 5.485, 261.163



73, 19.673, 163.389



49, 3.562, 261.240



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, 14.744, 263.647



82, 21.858, 264.607



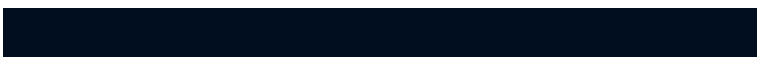
62, 24.772, 294.008



38, 3.592, 261.459



32, 54.563, 287.665



4, 12.081, 271.875

Inverse Universe

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



65, 20.203, 348.328



79, 30.098, 348.903



76, 23.468, 109.378



37, 4.834, 346.930



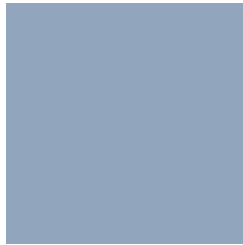
33, 59.069, 5.744



3, 13.621, 354.253

Previews

White Background



This preview shows how the CIELCh color 67, 14.745, 263.651 looks on a white background.

Color Contrast Check

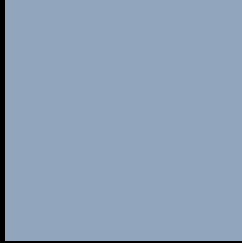
Large Text (above 18pt) WCAG AA × Fail

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, 14.745, 263.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

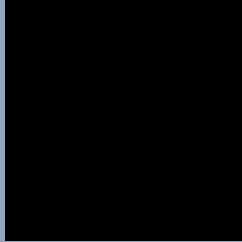
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

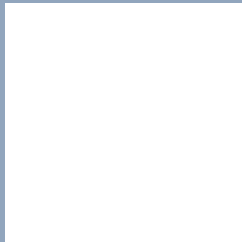
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 14.745, 263.651

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.745, 263.651.



This preview shows how white text looks on a background with the CIELCh color 67, 14.745, 263.651.

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, 14.745, 263.651

Protanopia

67, 14.403, 287.434

Deuteranopia

67, 17.337, 298.974



Tritanopia
67, 10.922, 240.167

Trichromacy



Original Color
67, 14.745, 263.651

Protanomaly
67, 14.643, 279.233

Deuteranomaly
67, 16.055, 288.066

Tritanomaly
67, 11.956, 251.038

Monochromacy



Original Color
67, 14.745, 263.651

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, 14.745, 263.651 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(145, 165, 189)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 189)  
}
```

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(145, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.745, 263.651 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(145, 165, 189) }
```

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

```
.border{ border-color:rgb(145, 165, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.745, 263.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 189) }
```

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

```
.background{ background-color: rgb(145,  
165, 189) }
```

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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