

Converting Colors

CIELCh(67, 7.570, 214.177)

Have a look what the booklet for
CIELCh(67, 7.570, 214.177) contains.

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Color

CIELCh(67, 7.432, 211.787)

Conversions

Conversions Part 1

Format	Color
Hex	93A7AA
RGB	147, 167, 170
RGB Percent	58%, 65%, 67%
CMY	0.4244, 0.3460, 0.3342
CMYK	0.14, 0.02, 0.00, 0.33
HSL	188°, 12%, 62%
HSV	188°, 14%, 67%
XYZ	33.0055, 36.6320, 43.2499
YIQ	161.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

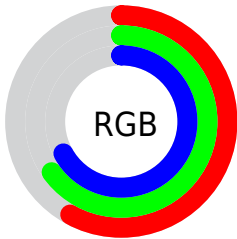
Format	Color
RYB	147, 158, 170
Decimal	9676714
CIELab	67.00, -6.32, -3.91
CIElCh	67, 7.432, 211.787
Yxy	36.6320, 0.2924, 0.3245
Android (android.graphics.Color)	4287866794 (0xFF93A7AA)
YUV	161.3620, 4.2585, -12.5955
Hunter-Lab	60.5244, -8.5768, -0.0008

Details

The CIELCh color $67, 7.432, 211.787$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.114, 31.885$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.445, 211.194$, and $47, 7.464, 212.484$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.526, 211.856$, and if you desaturate by 10%, it is $69, 1.995, 211.958$.

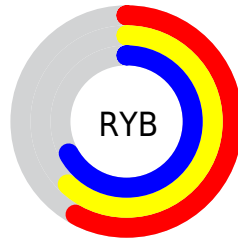
Distribution



Red (58%)

Green (65%)

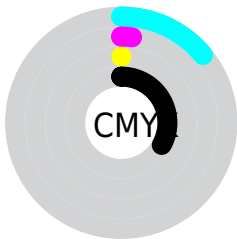
Blue (67%)



Red (58%)

Yellow (62%)

Blue (67%)

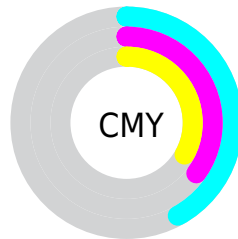


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.432, 211.787 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, 7.432, 211.787 by changing the saturation by 10% instead.

■ 67, 7.432, 211.787

■ 67, 7.432, 211.787

■ 100, 7.432,
211.787

■ 57, 7.432, 211.787

■ 87, 7.432, 211.787

■ 47, 7.432, 211.787

■ 97, 7.432, 211.787

■ 37, 7.432, 211.787

■ 27, 7.432, 211.787

■ 17, 7.432, 211.787

■ 7, 7.432, 211.787

■ 0, 7.432, 211.787

■ 67, 7.432, 211.787

■ 67, 7.432, 211.787

■ 65, 12.526,

■ 69, 1.995, 211.958

211.856

71, 3.709, 31.669

64, 17.190,
212.094

73, 9.614, 31.906

62, 21.336,
212.512

75, 15.662, 32.132

61, 24.879,
213.148

77, 21.808, 32.383

60, 27.746,
214.048

81, 29.984, 34.226

58, 29.893,
215.264

81, 29.450, 36.636

57, 31.314,
216.848

82, 28.971, 39.135

57, 32.059,
218.848

56, 32.334,
220.286

Harmonies

Complementary

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



67, 7.432, 211.787



64, 8.114, 31.885

Rectangle

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



67, 7.432, 211.787



67, 7.432, 261.787



67, 7.432, 31.787



67, 7.432, 81.787

Sweetspot

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



67, 7.432, 211.775



87, 2.796, 211.924



67, 14.308, 146.952



47, 2.000, 211.888



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 7.432, 211.775



85, 10.829, 211.782



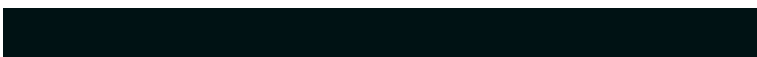
64, 8.464, 268.776



35, 3.119, 211.794



49, 29.236, 219.982



4, 5.651, 216.683

Inverse Universe

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



63, 14.201, 328.981



79, 20.881, 329.147



67, 8.550, 85.197



33, 5.878, 328.722



34, 69.643, 334.088



2, 10.330, 329.683

Previews

White Background



This preview shows how the CIELCh color 67, 7.432, 211.787 looks on a white background.

Color Contrast Check

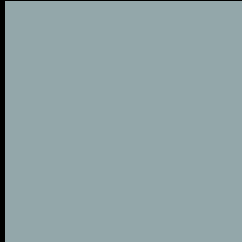
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 7.432, 211.787 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, 7.432, 211.787

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.432, 211.787.



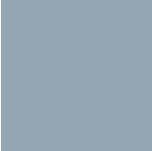
This preview shows how white text looks on a background with the CIELCh color 67, 7.432, 211.787.

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





Tritanopia
67, 9.691, 252.304

Trichromacy



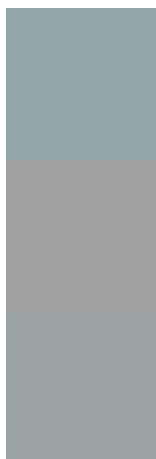
Original Color
67, 7.432, 211.787

Protanomaly
67, 3.116, 244.647

Deuteranomaly
67, 5.753, 305.773

Tritanomaly
67, 8.390, 240.342

Monochromacy



Original Color
67, 7.432, 211.787

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.673, 211.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.432, 211.787 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(147, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(147, 167, 170)  
}
```

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(147, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 167, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.432, 211.787 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(147, 167, 170) }
```

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

```
.border{ border-color:rgb(147, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(147, 167,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.432, 211.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 167, 170) }
```

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

```
.background{ background-color: rgb(147,  
167, 170) }
```

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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