

Converting Colors

CIELCh(67, 6.491, 198.675)

Have a look what the booklet for
CIELCh(67, 6.491, 198.675) contains.

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Color

CIELCh(67, 6.629, 198.903)

Conversions

Conversions Part 1

Format	Color
Hex	95A7A7
RGB	149, 167, 167
RGB Percent	58%, 65%, 65%
CMY	0.4171, 0.3465, 0.3466
CMYK	0.11, 0.00, 0.00, 0.35
HSL	180°, 9%, 62%
HSV	180°, 11%, 65%
XYZ	33.0185, 36.6320, 41.7088
YIQ	161.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

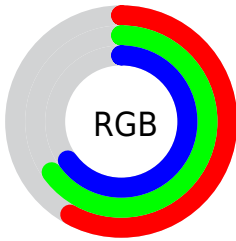
Format	Color
RYB	149, 158, 167
Decimal	9807783
CIELab	67.00, -6.27, -2.15
CIELCh	67, 6.629, 198.903
Yxy	36.6320, 0.2965, 0.3290
Android (android.graphics.Color)	4287997863 (0xFF95A7A7)
YUV	161.6180, 2.6533, -11.0660
Hunter-Lab	60.5244, -8.5387, 1.5089

Details

The CIELCh color $67, 6.629, 198.903$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.090, 20.014$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.670, 199.026$, and $47, 6.637, 198.708$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.407, 198.362$, and if you desaturate by 10%, it is $68, 0.501, 200.312$.

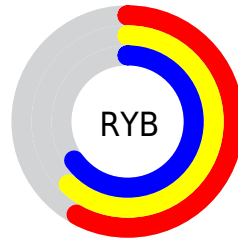
Distribution



Red (58%)

Green (65%)

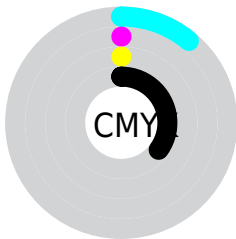
Blue (65%)



Red (58%)

Yellow (62%)

Blue (65%)

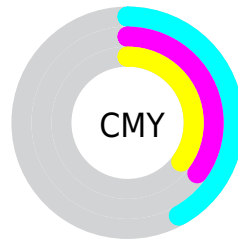


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.629, 198.903 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, 6.629, 198.903 by changing the saturation by 10% instead.

■ 67, 6.629, 198.903

■ 67, 6.629, 198.903

■ 100, 6.629,
198.903

■ 57, 6.629, 198.903

■ 87, 6.629, 198.903

■ 47, 6.629, 198.903

■ 97, 6.629, 198.903

■ 37, 6.629, 198.903

■ 27, 6.629, 198.903

■ 17, 6.629, 198.903

■ 7, 6.629, 198.903

■ 0, 6.629, 198.903

■ 67, 6.629, 198.903

■ 67, 6.629, 198.903

■ 66, 12.407,

■ 68, 0.501, 200.312

198.362

70, 5.890, 19.832

65, 17.736,
197.901

71, 12.465, 20.462

64, 22.519,
197.499

73, 19.159, 21.078

63, 26.665,
197.156

74, 25.917, 21.697

63, 30.097,
196.877

76, 32.697, 22.318

62, 32.769,
196.662

77, 35.295, 22.555

62, 34.670,
196.510

77, 35.294, 22.551

62, 35.837,
196.416

62, 36.446,
196.367

Harmonies

Complementary

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



67, 6.629, 198.903



63, 7.090, 20.014

Rectangle

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



67, 6.629, 198.903



67, 6.629, 248.903



67, 6.629, 18.903



67, 6.629, 68.903

Sweetspot

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



67, 6.630, 198.891



86, 2.323, 199.480



67, 12.097, 143.400



46, 1.772, 199.386



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 6.630, 198.891



85, 9.821, 198.753



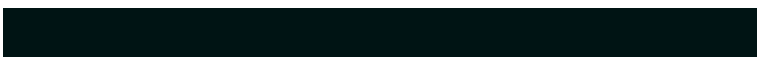
65, 5.867, 255.021



35, 3.516, 198.980



55, 33.391, 196.367



5, 6.572, 199.407

Inverse Universe

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



63, 7.090, 20.014



79, 10.672, 20.207



65, 6.035, 72.268



33, 3.724, 19.896



30, 69.022, 39.354



1, 6.572, 19.396

Previews

White Background



This preview shows how the CIELCh color 67, 6.629, 198.903 looks on a white background.

Color Contrast Check

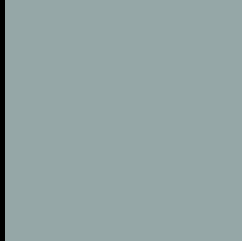
Large Text (above 18pt) WCAG AA × Fail

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, 6.629, 198.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

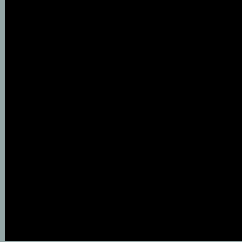
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

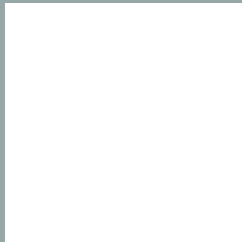
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.629, 198.903

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.629, 198.903.



This preview shows how white text looks on a background with the CIELCh color 67, 6.629, 198.903.

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](#).

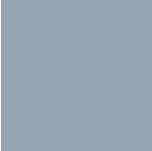
Dichromacy



Original Color
67, 6.629, 198.903

Protanopia
67, 1.602, 335.601

Deuteranopia
67, 8.827, 341.536



Tritanopia
67, 8.658, 255.439

Trichromacy



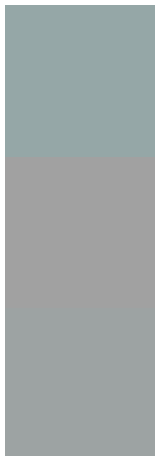
Original Color
67, 6.629, 198.903

Protanomaly
67, 1.949, 215.961

Deuteranomaly
67, 4.330, 316.317

Tritanomaly
67, 7.199, 237.025

Monochromacy



Original Color
67, 6.629, 198.903

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 2.257, 199.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.629, 198.903 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(149, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 167, 167)  
}
```

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(149, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.629, 198.903 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(149, 167, 167) }
```

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

```
.border{ border-color:rgb(149, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.629, 198.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 167, 167) }
```

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

```
.background{ background-color: rgb(149,  
167, 167) }
```

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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