

Converting Colors

CIELCh(67, 8.098, 252.898)

Have a look what the booklet for
CIELCh(67, 8.098, 252.898) contains.

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Color

CIELCh(67, 8.224, 253.081)

Conversions

Conversions Part 1

Format	Color
Hex	97A5B1
RGB	151, 165, 177
RGB Percent	59%, 65%, 69%
CMY	0.4081, 0.3532, 0.3061
CMYK	0.15, 0.07, 0.00, 0.31
HSL	208°, 14%, 64%
HSV	208°, 15%, 69%
XYZ	34.1235, 36.6320, 46.8333
YIQ	162.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

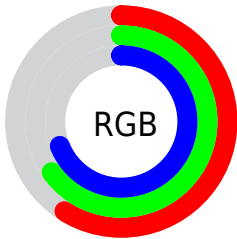
Format	Color
RYB	151, 160, 177
Decimal	9938353
CIELab	67.00, -2.39, -7.87
CIELCh	67, 8.224, 253.081
Yxy	36.6320, 0.2902, 0.3115
Android (android.graphics.Color)	4288128433 (0xFF97A5B1)
YUV	162.1820, 7.3053, -9.8066
Hunter-Lab	60.5244, -5.2797, -3.5111

Details

The CIELCh color $67, 8.224, 253.081$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.609, 69.402$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.447, 253.055$, and $47, 8.052, 253.315$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.689, 254.656$, and if you desaturate by 10%, it is $71, 2.651, 251.820$.

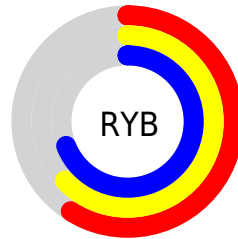
Distribution



Red (59%)

Green (65%)

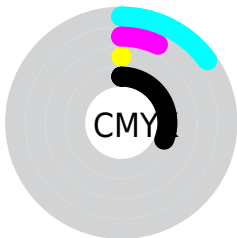
Blue (69%)



Red (59%)

Yellow (63%)

Blue (69%)

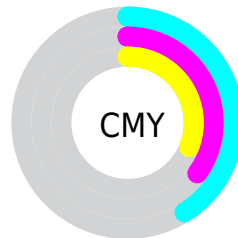


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (41%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.224, 253.081 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, 8.224, 253.081 by changing the saturation by 10% instead.

■ 67, 8.224, 253.081

■ 67, 8.224, 253.081

■ 100, 8.224,
253.081

■ 57, 8.224, 253.081

■ 87, 8.224, 253.081

■ 47, 8.224, 253.081

■ 97, 8.224, 253.081

■ 37, 8.224, 253.081

■ 27, 8.224, 253.081

■ 17, 8.224, 253.081

■ 7, 8.224, 253.081

■ 0, 8.224, 253.081

■ 67, 8.224, 253.081

■ 67, 8.224, 253.081

■ 64, 13.689,

■ 71, 2.651, 251.820

254.656

74, 3.000, 70.429

60, 19.019,
256.568

78, 8.703, 69.547

57, 24.188,
258.861

81, 14.436, 68.742

53, 29.182,
261.600

85, 20.178, 68.041

50, 34.011,
264.838

88, 25.347, 68.825

47, 38.711,
268.598

90, 26.822, 79.363

92, 29.107, 88.457

44, 43.357,
272.848

94, 32.010, 95.991

42, 48.052,
277.465

40, 50.628,
279.855

Harmonies

Complementary

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



67, 8.224, 253.081



68, 8.609, 69.402

Rectangle

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



67, 8.224, 253.081



67, 8.224, 303.081



67, 8.224, 73.081



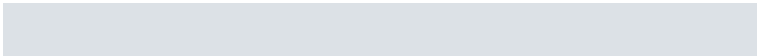
67, 8.224, 123.081

Sweetspot

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



67, 8.223, 253.071



89, 2.793, 251.764



70, 12.560, 159.884



47, 1.981, 251.831



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 8.223, 253.071



83, 12.405, 253.609



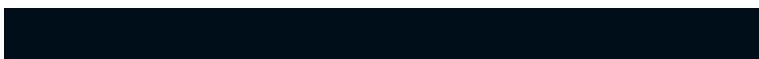
64, 13.804, 289.724



36, 3.207, 252.346



35, 45.001, 279.260



3, 8.511, 262.773

Inverse Universe

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



65, 12.646, 342.799



80, 19.201, 343.124



71, 13.400, 106.644



35, 4.882, 342.327



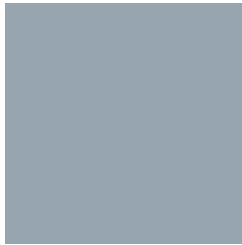
33, 58.481, 357.774



2, 10.851, 347.707

Previews

White Background



This preview shows how the CIELCh color 67, 8.224, 253.081 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, 8.224, 253.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

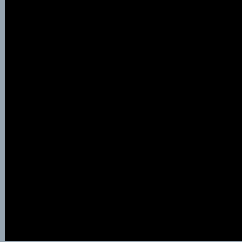
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

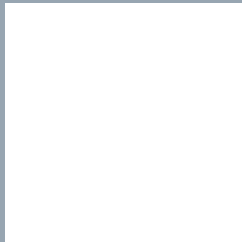
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.224, 253.081

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.224, 253.081.

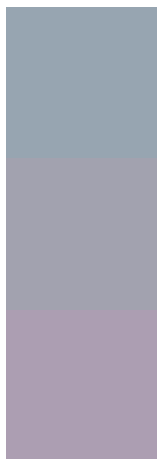


This preview shows how white text looks on a background with the CIELCh color 67, 8.224, 253.081.

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

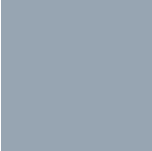
67, 8.224, 253.081

Protanopia

67, 7.190, 290.927

Deuteranopia

67, 12.278, 316.185



Tritanopia
67, 8.658, 255.439

Trichromacy



Original Color
67, 8.224, 253.081

Protanomaly
67, 7.377, 276.622

Deuteranomaly
67, 9.488, 297.788

Tritanomaly
67, 8.658, 255.439

Monochromacy



Original Color
67, 8.224, 253.081

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.871, 249.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.224, 253.081 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(151, 165, 177)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 177)  
}
```

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(151, 165, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.224, 253.081 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(151, 165, 177) }
```

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

```
.border{ border-color:rgb(151, 165, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 177);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.224, 253.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 177) }
```

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

```
.background{ background-color: rgb(151,  
165, 177) }
```

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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