

Converting Colors

CIELCh(67, 9.491, 248.405)

Have a look what the booklet for
CIELCh(67, 9.491, 248.405) contains.

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Color

CIELCh(67, 9.491, 248.405)

Conversions

Conversions Part 1

Format	Color
Hex	94A6B3
RGB	148, 166, 179
RGB Percent	58%, 65%, 70%
CMY	0.4211, 0.3505, 0.2996
CMYK	0.17, 0.07, 0.00, 0.30
HSL	205°, 17%, 64%
HSV	205°, 17%, 70%
XYZ	33.8077, 36.6320, 47.7294
YIQ	162.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

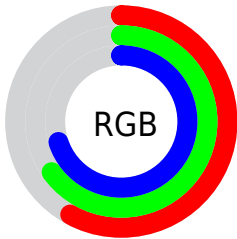
Format	Color
RYB	148, 159, 179
Decimal	9742003
CIELab	67.00, -3.49, -8.82
CIElCh	67, 9.491, 248.405
Yxy	36.6320, 0.2861, 0.3100
Android (android.graphics.Color)	4287932083 (0xFF94A6B3)
YUV	162.1000, 8.3317, -12.3657
Hunter-Lab	60.5244, -6.2112, -4.3889

Details

The CIELCh color $67, 9.491, 248.405$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.151, 64.340$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.666, 248.583$, and $47, 9.371, 248.463$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.748, 249.978$, and if you desaturate by 10%, it is $70, 4.071, 247.129$.

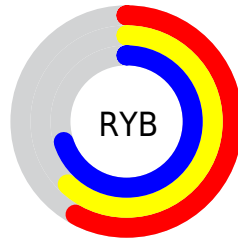
Distribution



Red (58%)

Green (65%)

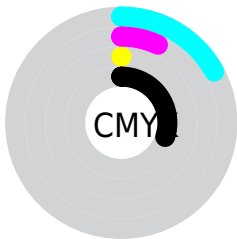
Blue (70%)



Red (58%)

Yellow (62%)

Blue (70%)

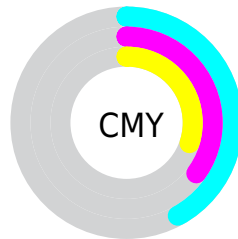


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.491, 248.405 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, 9.491, 248.405 by changing the saturation by 10% instead.

■ 67, 9.491, 248.405

■ 67, 9.491, 248.405

■ 100, 9.491,
248.405

■ 57, 9.491, 248.405

■ 87, 9.491, 248.405

■ 47, 9.491, 248.405

■ 97, 9.491, 248.405

■ 37, 9.491, 248.405

■ 27, 9.491, 248.405

■ 17, 9.491, 248.405

■ 7, 9.491, 248.405

■ 0, 9.491, 248.405

■ 67, 9.491, 248.405

■ 67, 9.491, 248.405

■ 64, 14.748,

■ 70, 4.071, 247.129

249.978

74, 1.475, 65.663

61, 19.807,
251.903

77, 7.111, 64.953

57, 24.633,
254.236

81, 12.810, 64.200

54, 29.209,
257.047

84, 18.547, 63.548

51, 33.539,
260.397

87, 24.301, 62.986

49, 37.665,
264.315

89, 25.243, 73.318

46, 41.675,
268.764

91, 26.906, 82.733

44, 45.699,
273.570

43, 46.805,
274.792

Harmonies

Complementary

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



67, 9.491, 248.405



67, 10.151, 64.340

Rectangle

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



67, 9.491, 248.405



67, 9.491, 298.405



67, 9.491, 68.405



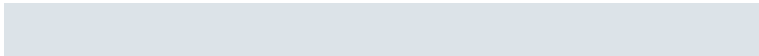
67, 9.491, 118.405

Sweetspot

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



67, 9.490, 248.396



90, 3.436, 246.905



70, 15.324, 158.045



48, 2.361, 246.969



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 9.490, 248.396



83, 14.134, 248.993



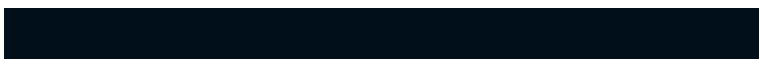
63, 15.920, 288.600



36, 3.128, 247.351



37, 41.331, 274.132



4, 8.214, 258.683

Inverse Universe

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



64, 15.516, 340.887



80, 23.296, 341.237



71, 15.416, 104.819



35, 5.027, 340.211



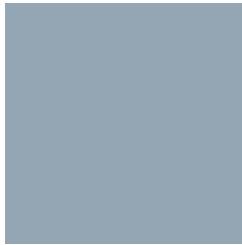
33, 59.350, 354.043



2, 11.153, 345.345

Previews

White Background



This preview shows how the CIELCh color 67, 9.491, 248.405 looks on a white background.

Color Contrast Check

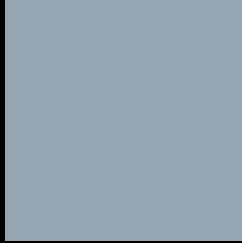
Large Text (above 18pt) WCAG AA × Fail

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, 9.491, 248.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

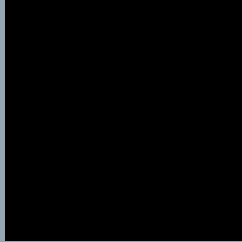
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

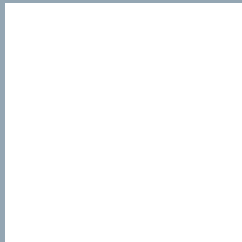
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 9.491, 248.405

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.491, 248.405.



This preview shows how white text looks on a background with the CIELCh color 67, 9.491, 248.405.

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, 9.491, 248.405

Protanopia

67, 7.742, 290.983

Deuteranopia

67, 13.143, 312.682



Tritanopia
67, 9.491, 248.405

Trichromacy



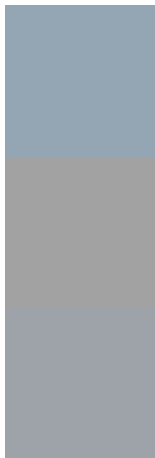
Original Color
67, 9.491, 248.405

Protanomaly
67, 7.995, 275.172

Deuteranomaly
67, 9.974, 293.298

Tritanomaly
67, 9.491, 248.405

Monochromacy



Original Color
67, 9.491, 248.405

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.522, 251.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.491, 248.405 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(148, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(148, 166, 179)  
}
```

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(148, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.491, 248.405 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(148, 166, 179) }
```

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

```
.border{ border-color:rgb(148, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(148, 166,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.491, 248.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 166, 179) }
```

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

```
.background{ background-color: rgb(148,  
166, 179) }
```

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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