

Converting Colors

CIELCh(70, 10.249, 242.020)

Have a look what the booklet for
CIELCh(70, 10.249, 242.020)
contains.

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Color

CIELCh(70, 10.364, 242.549)

Conversions

Conversions Part 1

Format	Color
Hex	98AEBB
RGB	152, 174, 187
RGB Percent	60%, 68%, 73%
CMY	0.4023, 0.3160, 0.2650
CMYK	0.19, 0.07, 0.00, 0.27
HSL	202°, 21%, 67%
HSV	202°, 19%, 73%
XYZ	37.2527, 40.7494, 53.1481
YIQ	168.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

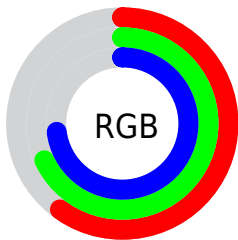
Format	Color
RYB	152, 166, 187
Decimal	10006203
CIELab	70.00, -4.78, -9.20
CIELCh	70, 10.364, 242.549
Yxy	40.7494, 0.2840, 0.3107
Android (android.graphics.Color)	4288196283 (0xFF98AEBB)
YUV	168.9040, 8.9213, -14.8248
Hunter-Lab	63.8353, -7.5434, -4.6791

Details

The CIELCh color **70, 10.364, 242.549** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 11.312, 58.671**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.283, 244.303**, and **50, 10.253, 242.263** is the 20% darker color. If you saturate the color by 10%, you get **67, 15.600, 244.022**, and if you desaturate by 10%, it is **73, 4.898, 241.369**.

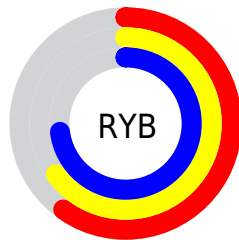
Distribution



Red (60%)

Green (68%)

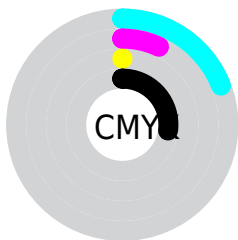
Blue (73%)



Red (60%)

Yellow (65%)

Blue (73%)

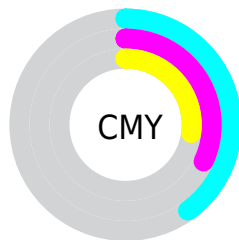


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (40%)


Magenta (32%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.364, 242.549 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 70, 10.364, 242.549 by changing the saturation by 10% instead.


 70, 10.364,
242.549


 70, 10.364,
242.549


 100, 10.364,
242.549


 60, 10.364,
242.549


 90, 10.364,
242.549

 50, 10.364,
242.549

 40, 10.364,
242.549

 30, 10.364,
242.549

 20, 10.364,
242.549

 10, 10.364,
242.549

 0, 10.364, 242.549

70, 10.364,
242.549

70, 10.364,
242.549

67, 15.600,
244.022

73, 4.898, 241.369

64, 20.559,
245.854

76, 0.748, 59.691

80, 6.530, 59.394

61, 25.195,
248.108

83, 12.412, 58.748

58, 29.476,
250.863

86, 18.361, 58.194

89, 21.360, 64.037

55, 33.401,
254.192

91, 22.317, 75.029

53, 37.011,
258.140

92, 24.024, 84.733

94, 26.323, 92.885

50, 40.399,
262.687

48, 43.736,

267.630

■ 48, 44.193,
268.258

Harmonies

Complementary

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



70, 10.364, 242.549



69, 11.312, 58.671

Rectangle

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



70, 10.364, 242.549



70, 10.364, 292.549



70, 10.364, 62.549



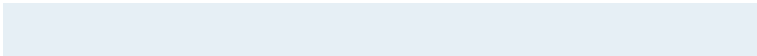
70, 10.364, 112.549

Sweetspot

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



70, 10.364, 242.541



94, 4.223, 241.130



73, 17.823, 155.670



50, 2.797, 241.186



98, 0.011, 296.813



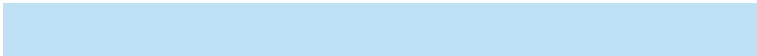
51, 0.007, 296.813

Same Dimension

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



70, 10.364, 242.541



88, 15.058, 243.049



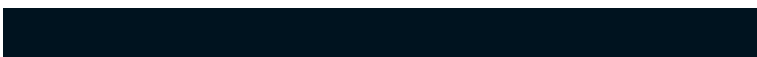
65, 16.905, 286.402



38, 3.212, 241.438



40, 38.610, 267.535



5, 10.196, 255.252

Inverse Universe

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



67, 17.972, 338.711



83, 26.341, 339.016



74, 16.417, 102.118



37, 5.444, 337.966



34, 62.115, 350.118



3, 15.181, 343.977

Previews

White Background



This preview shows how the CIELCh color 70, 10.364, 242.549 looks on a white background.

Color Contrast Check

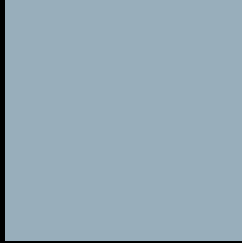
Large Text (above 18pt) WCAG AA × Fail

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 70, 10.364, 242.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

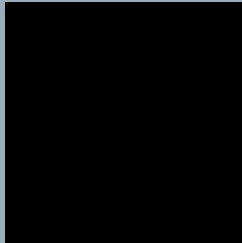
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

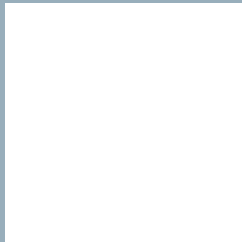
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.364, 242.549

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.364, 242.549.



This preview shows how white text looks on a background with the CIELCh color 70, 10.364, 242.549.

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

70, 10.364, 242.549

Protanopia

70, 7.674, 290.949

Deuteranopia

70, 13.539, 311.823



Tritanopia
70, 10.487, 246.185

Trichromacy



Original Color
70, 10.364, 242.549

Protanomaly
70, 7.621, 268.678

Deuteranomaly
70, 10.422, 291.220

Tritanomaly
70, 10.487, 246.185

Monochromacy



Original Color
70, 10.364, 242.549

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 3.984, 242.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.364, 242.549 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(152, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 187)  
}
```

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(152, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.364, 242.549 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(152, 174, 187) }
```

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

```
.border{ border-color:rgb(152, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.364, 242.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 187) }
```

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

```
.background{ background-color: rgb(152,  
174, 187) }
```

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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