

Converting Colors

CIELCh(70, 13.628, 245.058)

Have a look what the booklet for
CIELCh(70, 13.628, 245.058)
contains.

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Color

CIELCh(70, 13.536, 245.859)

Conversions

Conversions Part 1

Format	Color
Hex	93AFC1
RGB	147, 175, 193
RGB Percent	58%, 69%, 76%
CMY	0.4233, 0.3134, 0.2429
CMYK	0.24, 0.09, 0.00, 0.24
HSL	203°, 27%, 67%
HSV	203°, 24%, 76%
XYZ	37.0216, 40.7494, 56.4071
YIQ	168.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

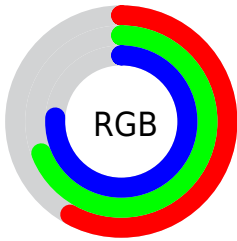
Format	Color
R_{YB}	147, 164, 193
Decimal	9678785
CIE _{Lab}	70.00, -5.54, -12.35
CIE _{LCh}	70, 13.536, 245.859
Yxy	40.7494, 0.2759, 0.3037
Android (android.graphics.Color)	4287868865 (0xFF93AFC1)
YUV	168.6800, 11.9898, -19.0134
Hunter-Lab	63.8353, -8.1897, -7.7061

Details

The CIELCh color $70, 13.536, 245.859$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 15.071, 60.493$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.239, 244.103$, and $50, 13.376, 243.356$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.851, 247.584$, and if you desaturate by 10%, it is $73, 7.984, 244.451$.

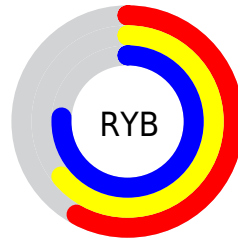
Distribution



Red (58%)

Green (69%)

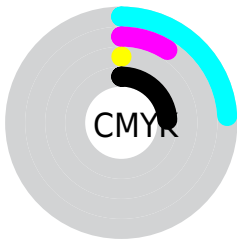
Blue (76%)



Red (58%)

Yellow (64%)

Blue (76%)

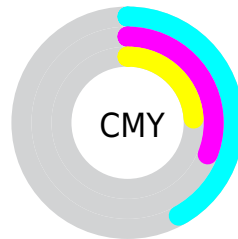


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (42%)


Magenta (31%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.536, 245.859 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, 13.536, 245.859 by changing the saturation by 10% instead.


 70, 13.536,
245.859


 70, 13.536,
245.859


 100, 13.536,
245.859


 60, 13.536,
245.859


 90, 13.536,
245.859

 50, 13.536,
245.859

 40, 13.536,
245.859

 30, 13.536,
245.859

 20, 13.536,
245.859

 10, 13.536,
245.859

 0, 13.536, 245.859

70, 13.536,
245.859

70, 13.536,
245.859

67, 18.851,
247.584

73, 7.984, 244.451

64, 23.885,
249.704

77, 2.243, 243.421

80, 3.644, 62.138

60, 28.604,
252.289

84, 9.638, 61.409

57, 32.996,
255.413

87, 15.706, 60.754

90, 19.530, 66.026

55, 37.084,
259.130

92, 20.821, 78.765

52, 40.945,
263.443

94, 23.008, 89.475

96, 25.848, 98.002

49, 44.701,
268.267

48, 47.074,

271.292

Harmonies

Complementary

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



70, 13.536, 245.859



70, 15.071, 60.493

Rectangle

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



70, 13.536, 245.859



70, 13.536, 295.859



70, 13.536, 65.859



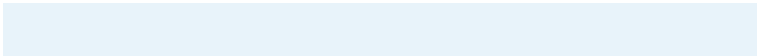
70, 13.536, 115.859

Sweetspot

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



70, 13.535, 245.853



95, 5.034, 243.691



74, 22.983, 155.921



50, 3.267, 243.751



99, 0.012, 296.813



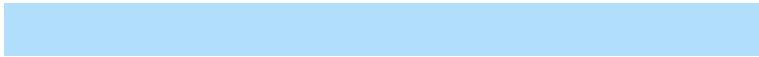
52, 0.007, 296.813

Same Dimension

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



70, 13.535, 245.853



86, 20.104, 246.783



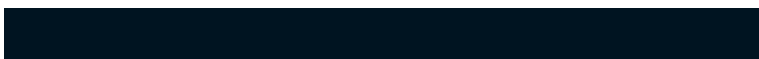
64, 22.713, 287.972



39, 3.305, 243.927



40, 40.648, 270.536



6, 11.418, 258.245

Inverse Universe

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



66, 23.223, 340.091



80, 34.896, 340.597



76, 21.806, 102.438



38, 5.488, 338.885



35, 62.226, 351.800



3, 16.974, 345.732

Previews

White Background



This preview shows how the CIELCh color 70, 13.536, 245.859 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, 13.536, 245.859 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

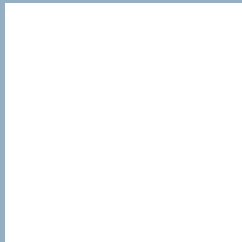
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 13.536, 245.859

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.536, 245.859.

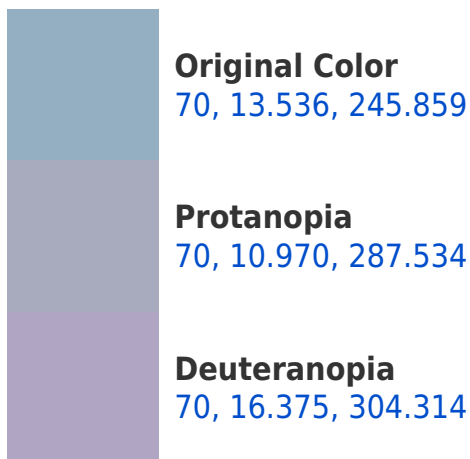


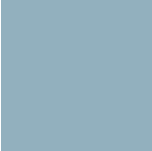
This preview shows how white text looks on a background with the CIELCh color 70, 13.536, 245.859.

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
70, 12.688, 236.098

Trichromacy



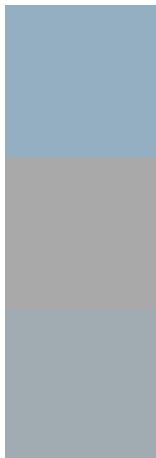
Original Color
70, 13.536, 245.859

Protanomaly
70, 11.131, 268.872

Deuteranomaly
70, 13.755, 285.668

Tritanomaly
70, 12.988, 238.183

Monochromacy



Original Color
70, 13.536, 245.859

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.242, 246.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.536, 245.859 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, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(147, 175, 193)  
}
```

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, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 175, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.536, 245.859 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, 175, 193) }
```

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

```
.border{ border-color:rgb(147, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(147, 175,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.536, 245.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 175, 193) }
```

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

```
.background{ background-color: rgb(147,  
175, 193) }
```

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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