

Converting Colors

CIELCh(70, 13.786, 244.045)

Have a look what the booklet for
CIELCh(70, 13.786, 244.045)
contains.

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Color

CIELCh(70, 13.759, 244.862)

Conversions

Conversions Part 1

Format	Color
Hex	92AFC1
RGB	146, 175, 193
RGB Percent	57%, 69%, 76%
CMY	0.4265, 0.3128, 0.2422
CMYK	0.24, 0.09, 0.00, 0.24
HSL	203°, 28%, 67%
HSV	203°, 24%, 76%
XYZ	36.9278, 40.7494, 56.5164
YIQ	168.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

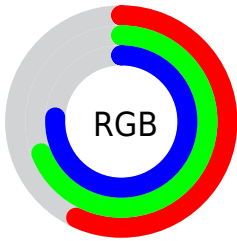
Format	Color
RYB	146, 164, 193
Decimal	9613249
CIELab	70.00, -5.84, -12.46
CIElCh	70, 13.759, 244.862
Yxy	40.7494, 0.2752, 0.3037
Android (android.graphics.Color)	4287803329 (0xFF92AFC1)
YUV	168.3810, 12.1372, -19.6281
Hunter-Lab	63.8353, -8.4521, -7.8076

Details

The CIELCh color `70, 13.759, 244.862` is a light color, and the websafe version is hex `999999`. A complement of this color would be `70, 15.408, 59.502`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 13.466, 243.132`, and `50, 13.608, 242.382` is the 20% darker color. If you saturate the color by 10%, you get `67, 19.024, 246.576`, and if you desaturate by 10%, it is `73, 8.243, 243.466`.

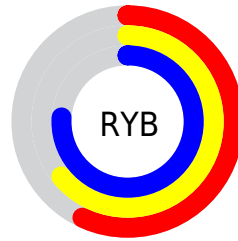
Distribution



Red (57%)

Green (69%)

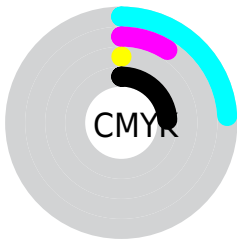
Blue (76%)



Red (57%)

Yellow (64%)

Blue (76%)

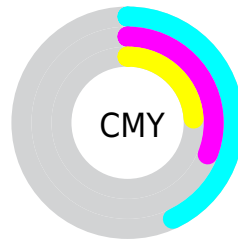


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (43%)


Magenta (31%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.759, 244.862 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, 13.759, 244.862 by changing the saturation by 10% instead.


 70, 13.759,
244.862


 70, 13.759,
244.862


 100, 13.759,
244.862


 60, 13.759,
244.862


 90, 13.759,
244.862

 50, 13.759,
244.862

 40, 13.759,
244.862

 30, 13.759,
244.862

 20, 13.759,
244.862

 10, 13.759,
244.862

 0, 13.759, 244.862

70, 13.759,
244.862

70, 13.759,
244.862

67, 19.024,
246.576

73, 8.243, 243.466

64, 23.994,
248.689

77, 2.528, 242.431

80, 3.344, 61.170

61, 28.632,
251.271

84, 9.329, 60.467

58, 32.924,
254.398

87, 15.395, 59.828

90, 19.391, 64.510

55, 36.896,
258.125

92, 20.536, 77.225

52, 40.624,
262.458

94, 22.573, 88.049

95, 25.271, 96.747

50, 44.235,
267.312

48, 46.332,

Harmonies

Complementary

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



70, 13.759, 244.862



70, 15.408, 59.502

Rectangle

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



70, 13.759, 244.862



70, 13.759, 294.862



70, 13.759, 64.862



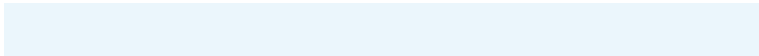
70, 13.759, 114.862

Sweetspot

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



70, 13.758, 244.856



96, 5.061, 242.663



74, 23.782, 155.148



51, 3.312, 242.723



0, 0.000, 0.000



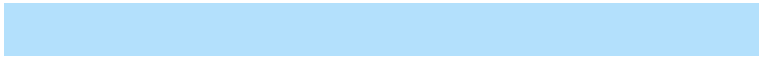
53, 0.007, 296.813

Same Dimension

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



70, 13.758, 244.856



87, 20.174, 245.696



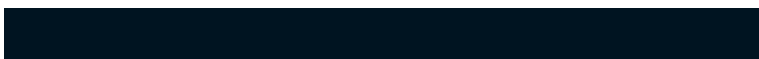
64, 22.788, 287.233



39, 3.295, 242.892



40, 39.990, 269.335



6, 11.324, 257.205

Inverse Universe

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



66, 23.864, 339.735



81, 35.378, 340.193



75, 21.915, 101.491



38, 5.520, 338.499



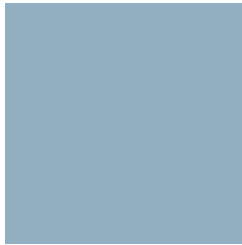
35, 62.473, 351.108



3, 17.078, 345.226

Previews

White Background



This preview shows how the CIE LCh color 70, 13.759, 244.862 looks on a white background.

Color Contrast Check

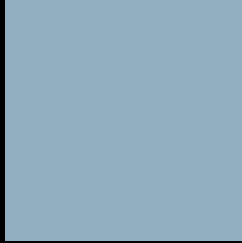
Large Text (above 18pt) WCAG AA × Fail

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, 13.759, 244.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

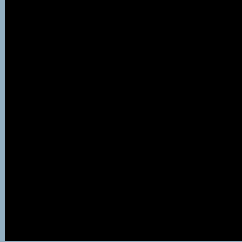
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

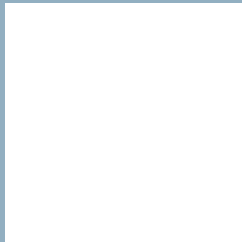
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 13.759, 244.862

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.759, 244.862.



This preview shows how white text looks on a background with the CIELCh color 70, 13.759, 244.862.

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](#).

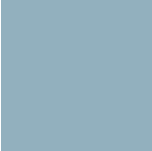
Dichromacy



Original Color
70, 13.759, 244.862

Protanopia
70, 11.518, 289.551

Deuteranopia
70, 16.375, 304.314



Tritanopia
70, 12.688, 236.098

Trichromacy



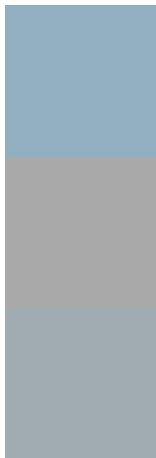
Original Color
70, 13.759, 244.862

Protanomaly
70, 11.534, 271.628

Deuteranomaly
70, 13.755, 285.668

Tritanomaly
70, 12.988, 238.183

Monochromacy



Original Color
70, 13.759, 244.862

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, 13.759, 244.862 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(146, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.759, 244.862 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(146, 175, 193) }
```

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

```
.border{ border-color:rgb(146, 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(146, 175, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.759, 244.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 193) }
```

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

```
.background{ background-color: rgb(146,  
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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