

Converting Colors

CIELCh(70, 19.529, 260.890)

Have a look what the booklet for
CIELCh(70, 19.529, 260.890)
contains.

CIELCh(70, 19.784, 261.903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 19.784, 261.903)

Conversions

Conversions Part 1

Format	Color
Hex	90AECE
RGB	144, 174, 206
RGB Percent	56%, 68%, 81%
CMY	0.4346, 0.3170, 0.1914
CMYK	0.30, 0.16, 0.00, 0.19
HSL	211°, 39%, 69%
HSV	211°, 30%, 81%
XYZ	37.8642, 40.7494, 64.3772
YIQ	168.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

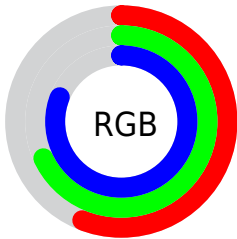
Format	Color
RYB	144, 164, 206
Decimal	9481934
CIELab	70.00, -2.79, -19.59
CIElCh	70, 19.784, 261.903
Yxy	40.7494, 0.2648, 0.2850
Android (android.graphics.Color)	4287672014 (0xFF90AECE)
YUV	168.6780, 18.3997, -21.6426
Hunter-Lab	63.8353, -5.8336, -15.1087

Details

The CIELCh color $70, 19.784, 261.903$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $74, 21.315, 73.354$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.457, 254.610$, and $50, 19.797, 261.971$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.210, 264.090$, and if you desaturate by 10%, it is $74, 13.268, 260.062$.

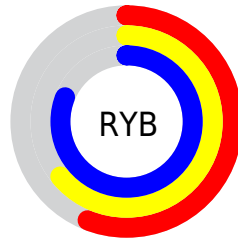
Distribution



Red (56%)

Green (68%)

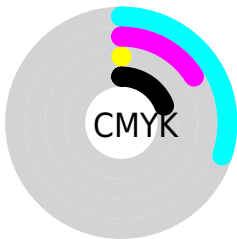
Blue (81%)



Red (56%)

Yellow (64%)

Blue (81%)

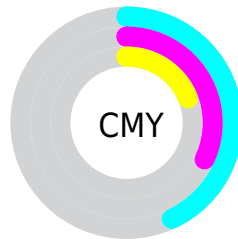


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.784, 261.903 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, 19.784, 261.903 by changing the saturation by 10% instead.

■ 70, 19.784,
261.903

■ 70, 19.784,
261.903

■ 100, 19.784,
261.903

■ 60, 19.784,
261.903

■ 90, 19.784,
261.903

■ 50, 19.784,
261.903

■ 40, 19.784,
261.903

■ 30, 19.784,
261.903

■ 20, 19.784,
261.903

■ 10, 19.784,
261.903

■ 0, 19.784, 261.903

70, 19.784,
261.903

70, 19.784,
261.903

66, 26.210,
264.090

74, 13.268,
260.062

62, 32.541,
266.686

79, 6.685, 258.530

58, 38.786,
269.738

83, 0.057, 263.597

87, 6.596, 75.973

54, 44.983,
273.273

91, 13.250, 75.034

50, 51.202,
277.262

95, 17.510, 87.495

97, 21.685,
102.227

47, 57.533,
281.601

99, 24.643,
108.309

44, 64.022,
285.969

Harmonies

Complementary

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



70, 19.784, 261.903



74, 21.315, 73.354

Rectangle

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



70, 19.784, 261.903



70, 19.784, 311.903



70, 19.784, 81.903



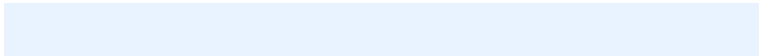
70, 19.784, 131.903

Sweetspot

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



70, 19.783, 261.900



95, 7.100, 258.399



78, 27.853, 160.864



50, 4.931, 258.601



0, 0.000, 0.000



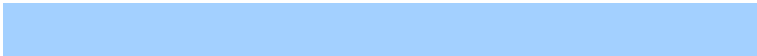
53, 0.007, 296.813

Same Dimension

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



70, 19.783, 261.900



82, 28.039, 263.251



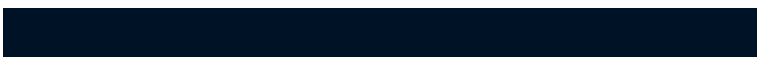
62, 34.839, 293.875



41, 3.733, 258.436



35, 53.581, 285.228



5, 15.452, 272.580

Inverse Universe

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



67, 28.626, 347.376



77, 40.758, 348.133



82, 32.388, 107.278



40, 5.255, 345.277



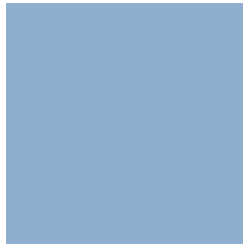
35, 61.285, 3.144



4, 19.763, 354.533

Previews

White Background



This preview shows how the CIELCh color 70, 19.784, 261.903 looks on a white background.

Color Contrast Check

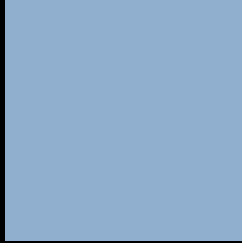
Large Text (above 18pt) WCAG AA × Fail

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 70, 19.784, 261.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

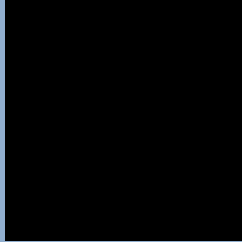
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

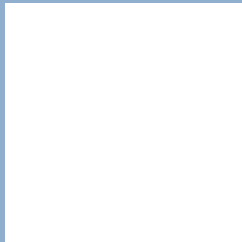
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 19.784, 261.903

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.784, 261.903.



This preview shows how white text looks on a background with the CIELCh color 70, 19.784, 261.903.

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, 19.784, 261.903

Protanopia

70, 18.679, 286.747

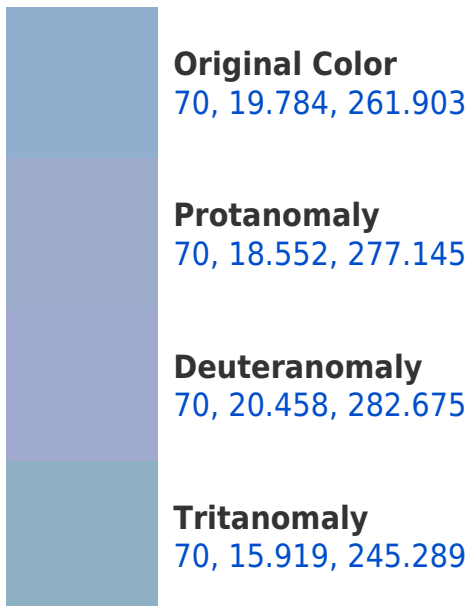
Deuteranopia

70, 22.523, 294.123

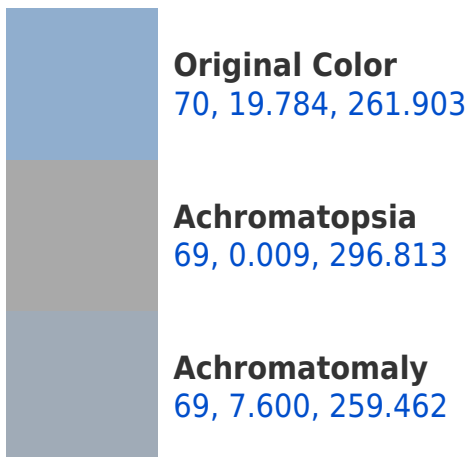


Tritanopia
70, 14.259, 231.290

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.784, 261.903 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(144, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 206)  
}
```

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(144, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.784, 261.903 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(144, 174, 206) }
```

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

```
.border{ border-color:rgb(144, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.784, 261.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 206) }
```

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

```
.background{ background-color: rgb(144,  
174, 206) }
```

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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