

Converting Colors

CIELCh(70, 15.690, 260.206)

Have a look what the booklet for
CIELCh(70, 15.690, 260.206)
contains.

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Color

CIELCh(70, 15.690, 260.206)

Conversions

Conversions Part 1

Format	Color
Hex	96AEC7
RGB	150, 174, 199
RGB Percent	59%, 68%, 78%
CMY	0.4127, 0.3186, 0.2206
CMYK	0.25, 0.13, 0.00, 0.22
HSL	211°, 30%, 68%
HSV	211°, 25%, 78%
XYZ	37.9005, 40.7494, 59.7464
YIQ	169.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

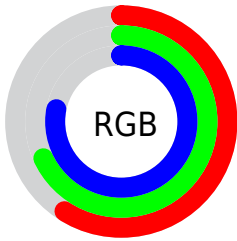
Format	Color
R_{YB}	150, 166, 199
Decimal	9875143
CIE _{Lab}	70.00, -2.67, -15.46
CIE _{LCh}	70, 15.690, 260.206
Yxy	40.7494, 0.2739, 0.2944
Android (android.graphics.Color)	4288065223 (0xFF96AEC7)
YUV	169.6740, 14.4577, -17.2541
Hunter-Lab	63.8353, -5.7320, -10.8076

Details

The CIELCh color **70, 15.690, 260.206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 16.693, 73.430**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.458, 260.435**, and **50, 15.559, 259.242** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.925, 262.184**, and if you desaturate by 10%, it is **74, 9.370, 258.542**.

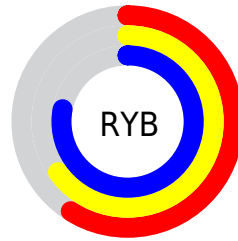
Distribution



Red (59%)

Green (68%)

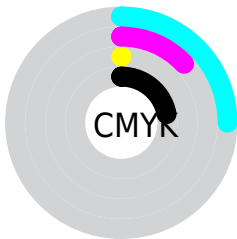
Blue (78%)



Red (59%)

Yellow (65%)

Blue (78%)

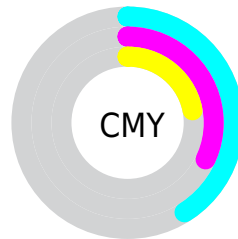


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (41%)


Magenta (32%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.690, 260.206 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, 15.690, 260.206 by changing the saturation by 10% instead.


 70, 15.690,
260.206


 70, 15.690,
260.206


 100, 15.690,
260.206


 60, 15.690,
260.206


 90, 15.690,
260.206

 50, 15.690,
260.206

 40, 15.690,
260.206

 30, 15.690,
260.206

 20, 15.690,
260.206

 10, 15.690,
260.206

 0, 15.690, 260.206

70, 15.690,
260.206

70, 15.690,
260.206

66, 21.925,
262.184

74, 9.370, 258.542

62, 28.060,
264.542

78, 2.989, 257.208

82, 3.431, 75.782

58, 34.094,
267.332

87, 9.867, 74.821

54, 40.044,
270.597

91, 16.299, 73.950

94, 19.977, 85.819

51, 45.962,
274.343

96, 23.705, 98.886

47, 51.927,
278.515

99, 28.295,
107.924

44, 58.030,
282.968

99, 28.359,
108.023

42, 61.395,

285.291

Harmonies

Complementary

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



70, 15.690, 260.206



73, 16.693, 73.430

Rectangle

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



70, 15.690, 260.206



70, 15.690, 310.206



70, 15.690, 80.206



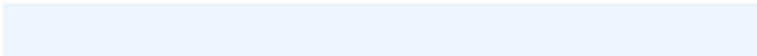
70, 15.690, 130.206

Sweetspot

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



70, 15.689, 260.202



96, 5.500, 257.493



76, 22.242, 161.448



51, 3.573, 257.570



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, 15.689, 260.202



85, 23.300, 261.308



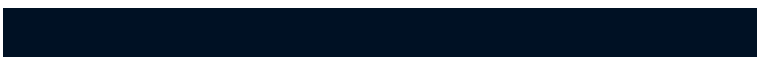
64, 27.395, 293.059



40, 3.638, 257.789



35, 52.282, 284.598



5, 14.183, 271.167

Inverse Universe

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



67, 22.789, 346.429



81, 34.056, 347.060



79, 25.854, 107.805



39, 5.167, 344.940



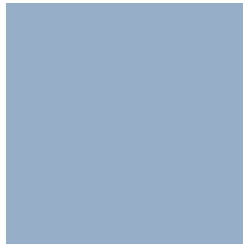
35, 60.640, 2.515



4, 17.760, 353.599

Previews

White Background



This preview shows how the CIELCh color 70, 15.690, 260.206 looks on a white background.

Color Contrast Check

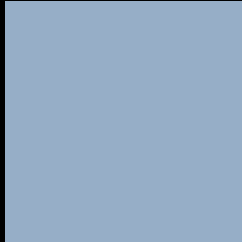
Large Text (above 18pt) WCAG AA × Fail

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, 15.690, 260.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

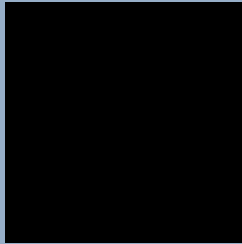
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

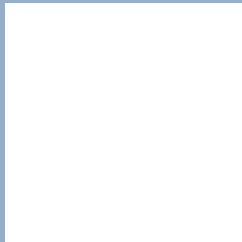
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.690, 260.206

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.690, 260.206.



This preview shows how white text looks on a background with the CIELCh color 70, 15.690, 260.206.

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, 15.690, 260.206

Protanopia

70, 14.822, 287.578

Deuteranopia

70, 18.271, 298.570



Tritanopia
70, 11.931, 239.019

Trichromacy



Original Color
70, 15.690, 260.206

Protanomaly
70, 14.648, 276.486

Deuteranomaly
70, 17.023, 287.190

Tritanomaly
70, 13.099, 247.964

Monochromacy



Original Color
70, 15.690, 260.206

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 5.864, 256.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.690, 260.206 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(150, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 174, 199)  
}
```

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(150, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.690, 260.206 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(150, 174, 199) }
```

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

```
.border{ border-color:rgb(150, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(150, 174,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.690, 260.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 174, 199) }
```

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

```
.background{ background-color: rgb(150,  
174, 199) }
```

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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