

Converting Colors

CIELCh(70, 15.398, 264.644)

Have a look what the booklet for
CIELCh(70, 15.398, 264.644)
contains.

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Color

CIELCh(70, 15.590, 265.602)

Conversions

Conversions Part 1

Format	Color
Hex	99ADC7
RGB	153, 173, 199
RGB Percent	60%, 68%, 78%
CMY	0.4002, 0.3218, 0.2199
CMYK	0.23, 0.13, 0.00, 0.22
HSL	214°, 29%, 69%
HSV	214°, 23%, 78%
XYZ	38.3576, 40.7494, 59.8371
YIQ	169.9840, -20.2660, 3.8460

Conversions

Conversions Part 2

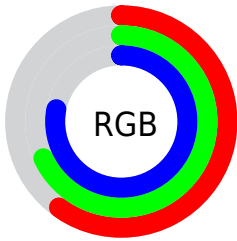
Format	Color
R _{YB}	153, 167, 199
Decimal	10071495
CIE _{Lab}	70.00, -1.20, -15.54
CIE _{LCh}	70, 15.590, 265.602
Yxy	40.7494, 0.2761, 0.2933
Android (android.graphics.Color)	4288261575 (0xFF99ADC7)
YUV	169.9840, 14.3049, -14.8950
Hunter-Lab	63.8353, -4.4540, -10.8918

Details

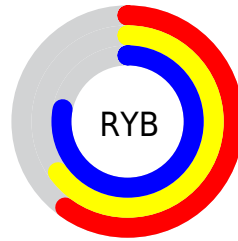
The CIELCh color $70, 15.590, 265.602$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 16.182, 79.151$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.349, 265.739$, and $50, 15.463, 264.860$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.325, 267.534$, and if you desaturate by 10%, it is $74, 8.846, 263.964$.

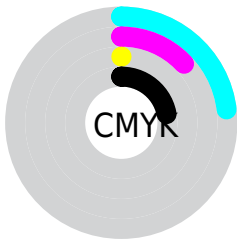
Distribution



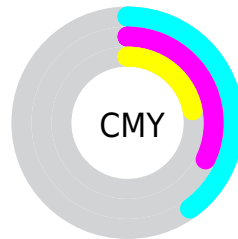
- Red (60%)
- Green (68%)
- Blue (78%)



- Red (60%)
- Yellow (65%)
- Blue (78%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)





- Cyan (40%)
- Magenta (32%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.590, 265.602 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, 15.590, 265.602 by changing the saturation by 10% instead.


 70, 15.590,
265.602


 70, 15.590,
265.602


 100, 15.590,
265.602


 60, 15.590,
265.602


 90, 15.590,
265.602

 50, 15.590,
265.602

 40, 15.590,
265.602

 30, 15.590,
265.602

 20, 15.590,
265.602

 10, 15.590,
265.602

 0, 15.590, 265.602

70, 15.590,
265.602

70, 15.590,
265.602

66, 22.325,
267.534

74, 8.846, 263.964

61, 29.049,
269.820

79, 2.108, 262.673

83, 4.610, 81.252

57, 35.766,
272.503

88, 11.295, 80.255

53, 42.501,
275.619

92, 17.934, 79.365

95, 21.884, 93.823

49, 49.304,
279.170

98, 26.676,
105.405

45, 56.237,
283.095

99, 28.265,
108.030

42, 63.352,
287.254

39, 68.368,

Harmonies

Complementary

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



70, 15.590, 265.602



74, 16.182, 79.151

Rectangle

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



70, 15.590, 265.602



70, 15.590, 315.602



70, 15.590, 85.602



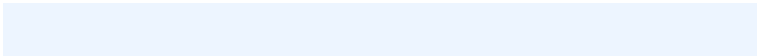
70, 15.590, 135.602

Sweetspot

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



70, 15.589, 265.598



96, 5.773, 263.123



77, 20.118, 164.326



51, 3.751, 263.202



0, 0.000, 0.000



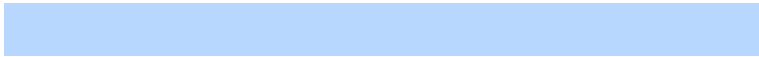
53, 0.007, 296.813

Same Dimension

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



70, 15.589, 265.598



85, 23.091, 266.582



65, 25.657, 294.577



40, 3.822, 263.427



32, 58.136, 289.408



4, 15.076, 275.284

Inverse Universe

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



68, 20.679, 349.507



82, 30.769, 350.112



79, 24.313, 110.099



39, 4.986, 348.094



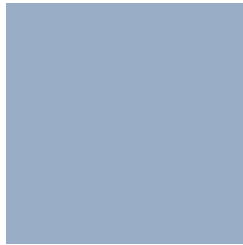
35, 60.471, 7.776



4, 17.293, 356.881

Previews

White Background



This preview shows how the CIELCh color 70, 15.590, 265.602 looks on a white background.

Color Contrast Check

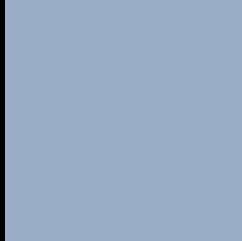
Large Text (above 18pt) WCAG AA × Fail

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, 15.590, 265.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

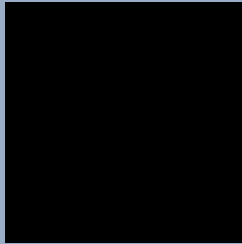
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

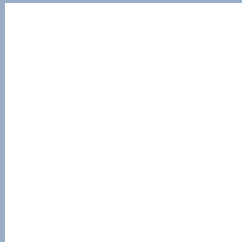
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.590, 265.602

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.590, 265.602.



This preview shows how white text looks on a background with the CIELCh color 70, 15.590, 265.602.

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, 15.590, 265.602

Protanopia

70, 15.368, 287.786

Deuteranopia

70, 18.271, 298.570



Tritanopia
70, 11.188, 242.348

Trichromacy



Original Color
70, 15.590, 265.602

Protanomaly
70, 15.584, 280.160

Deuteranomaly
70, 17.005, 288.349

Tritanomaly
70, 12.701, 254.327

Monochromacy



Original Color
70, 15.590, 265.602

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.997, 265.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.590, 265.602 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(153, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 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(153, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.590, 265.602 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(153, 173, 199) }
```

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

```
.border{ border-color:rgb(153, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.590, 265.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 199) }
```

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

```
.background{ background-color: rgb(153,  
173, 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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