

Converting Colors

CIELCh(70, 11.755, 285.411)

Have a look what the booklet for
CIELCh(70, 11.755, 285.411)
contains.

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Color

CIELCh(70, 11.537, 286.012)

Conversions

Conversions Part 1

Format	Color
Hex	A7AABF
RGB	167, 170, 191
RGB Percent	65%, 67%, 75%
CMY	0.3449, 0.3331, 0.2508
CMYK	0.13, 0.11, 0.00, 0.25
HSL	232°, 16%, 70%
HSV	232°, 13%, 75%
XYZ	39.7372, 40.7494, 55.0873
YIQ	171.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

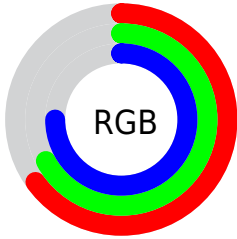
Format	Color
R _Y B	167, 170, 191
Decimal	10988223
CIE Lab	70.00, 3.18, -11.09
CIE LCh	70, 11.537, 286.012
Yxy	40.7494, 0.2931, 0.3006
Android (android.graphics.Color)	4289178303 (0xFFA7AABF)
YUV	171.4970, 9.6150, -3.9439
Hunter-Lab	63.8353, -0.5962, -6.4802

Details

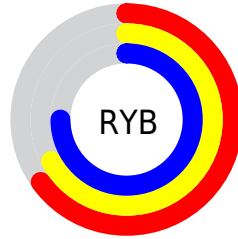
The CIELCh color $70, 11.537, 286.012$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 11.301, 103.216$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.471, 285.980$, and $50, 11.738, 286.217$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.074, 287.372$, and if you desaturate by 10%, it is $76, 2.322, 284.876$.

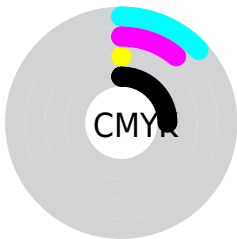
Distribution



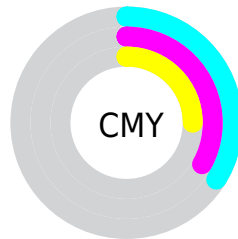
- Red (65%)
- Green (67%)
- Blue (75%)



- Red (65%)
- Yellow (67%)
- Blue (75%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.537, 286.012 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, 11.537, 286.012 by changing the saturation by 10% instead.

■ 70, 11.537,
286.012

■ 70, 11.537,
286.012

■ 100, 11.537,
286.012

■ 60, 11.537,
286.012

■ 90, 11.537,
286.012

■ 50, 11.537,
286.012

■ 40, 11.537,
286.012

■ 30, 11.537,
286.012

■ 20, 11.537,
286.012

■ 10, 11.537,
286.012

■ 0, 11.537, 286.012

70, 11.537,
286.012

70, 11.537,
286.012

64, 21.074,
287.372

76, 2.322, 284.876

58, 30.966,
288.974

82, 6.592, 103.807

52, 41.240,
290.843

87, 15.225,
102.954

47, 51.914,
292.998

93, 23.595,
102.210

41, 62.961,
295.425

98, 31.538,
106.812

36, 74.222,
298.048

99, 32.191,
107.728

31, 85.250,
300.696

27, 95.142,

303.103

■ 25, 101.046,
304.505

Harmonies

Complementary

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



70, 11.537, 286.012



76, 11.301, 103.216

Rectangle

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



70, 11.537, 286.012



70, 11.537, 336.012



70, 11.537, 106.012



70, 11.537, 156.012

Sweetspot

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



70, 11.535, 286.007



94, 4.473, 285.022



76, 8.848, 187.492



50, 3.208, 285.102



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, 11.535, 286.007



87, 17.063, 286.351



70, 13.596, 304.953



37, 5.125, 285.614



20, 87.009, 304.233



2, 15.874, 286.894

Inverse Universe

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



71, 9.373, 10.184



87, 13.917, 10.465



76, 13.300, 123.643



37, 4.144, 9.855



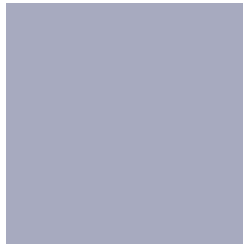
33, 67.853, 33.862



3, 12.369, 12.236

Previews

White Background



This preview shows how the CIELCh color 70, 11.537, 286.012 looks on a white background.

Color Contrast Check

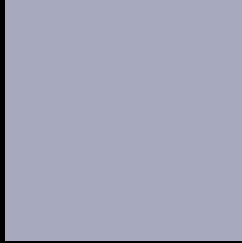
Large Text (above 18pt) WCAG AA × Fail

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, 11.537, 286.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

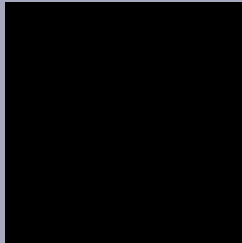
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

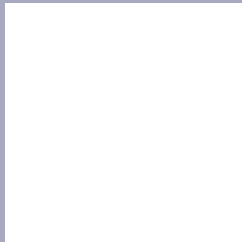
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.537, 286.012

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.537, 286.012.



This preview shows how white text looks on a background with the CIELCh color 70, 11.537, 286.012.

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

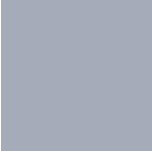
70, 11.537, 286.012

Protanopia

70, 11.516, 287.773

Deuteranopia

70, 14.974, 308.347



Tritanopia
70, 7.844, 277.642

Trichromacy



Original Color
70, 11.537, 286.012

Protanomaly
70, 11.516, 287.773

Deuteranomaly
70, 13.993, 301.861

Tritanomaly
70, 8.910, 279.424

Monochromacy



Original Color
70, 11.537, 286.012

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.394, 285.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.537, 286.012 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(167, 170, 191)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 191)  
}
```

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(167, 170, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.537, 286.012 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(167, 170, 191) }
```

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

```
.border{ border-color:rgb(167, 170, 191) }
```

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

Here you see how a box with a 4 pixel rgb(167, 170, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 170, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 170, 191);  
box-shadow:4px 4px 4px 4px rgb(167, 170,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.537, 286.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 191) }
```

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

```
.background{ background-color: rgb(167,  
170, 191) }
```

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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