

Converting Colors

CIELCh(70, 15.379, 272.758)

Have a look what the booklet for
CIELCh(70, 15.379, 272.758)
contains.

CIELCh(70, 15.514, 272.233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 15.514, 272.233)

Conversions

Conversions Part 1

Format	Color
Hex	9DACCC7
RGB	157, 172, 199
RGB Percent	62%, 67%, 78%
CMY	0.3847, 0.3258, 0.2200
CMYK	0.21, 0.14, 0.00, 0.22
HSL	219°, 27%, 70%
HSV	219°, 21%, 78%
XYZ	38.9209, 40.7494, 59.7912
YIQ	170.5930, -17.6070, 5.2170

Conversions

Conversions Part 2

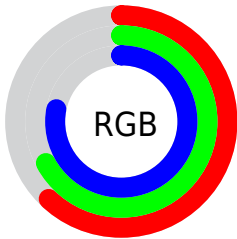
Format	Color
R _{YB}	157, 168, 199
Decimal	10333383
CIE _{Lab}	70.00, 0.60, -15.50
CIE _{LCh}	70, 15.514, 272.233
Yxy	40.7494, 0.2791, 0.2922
Android (android.graphics.Color)	4288523463 (0xFF9DACC7)
YUV	170.5930, 14.0047, -11.9211
Hunter-Lab	63.8353, -2.8788, -10.8492

Details

The CIELCh color `70, 15.514, 272.233` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 15.681, 86.468`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.264, 272.264`, and `50, 15.392, 271.764` is the 20% darker color. If you saturate the color by 10%, you get `65, 23.002, 274.056`, and if you desaturate by 10%, it is `75, 8.117, 270.679`.

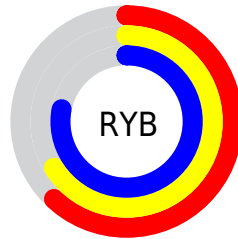
Distribution



Red (62%)

Green (67%)

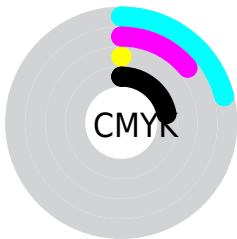
Blue (78%)



Red (62%)

Yellow (66%)

Blue (78%)

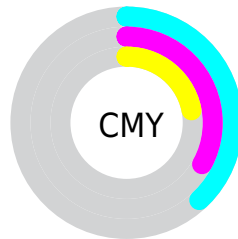


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (38%)


Magenta (33%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.514, 272.233 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, 15.514, 272.233 by changing the saturation by 10% instead.


 70, 15.514,
272.233


 70, 15.514,
272.233


 100, 15.514,
272.233


 60, 15.514,
272.233


 90, 15.514,
272.233

 50, 15.514,
272.233

 40, 15.514,
272.233

 30, 15.514,
272.233

 20, 15.514,
272.233

 10, 15.514,
272.233

 0, 15.514, 272.233

70, 15.514,
272.233

70, 15.514,
272.233

65, 23.002,
274.056

75, 8.117, 270.679

60, 30.591,
276.197

80, 0.816, 269.620

85, 6.389, 88.107

56, 38.297,
278.695

89, 13.494, 87.124

51, 46.151,
281.579

94, 20.295, 87.622

97, 25.315,
102.758

47, 54.191,
284.843

99, 28.278,
108.029

42, 62.449,
288.423

38, 70.896,
292.177

35, 78.462,

295.407

Harmonies

Complementary

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



70, 15.514, 272.233



75, 15.681, 86.468

Rectangle

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



70, 15.514, 272.233



70, 15.514, 322.233



70, 15.514, 92.233



70, 15.514, 142.233

Sweetspot

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



70, 15.513, 272.229



96, 5.349, 270.005



77, 17.309, 169.536



51, 3.549, 270.089



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, 15.513, 272.229



85, 22.531, 272.970



66, 23.410, 297.270



39, 4.138, 270.437



29, 66.717, 294.848



4, 16.296, 279.800

Inverse Universe

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



69, 18.060, 354.210



84, 26.311, 354.720



79, 22.328, 113.794



39, 4.759, 352.933



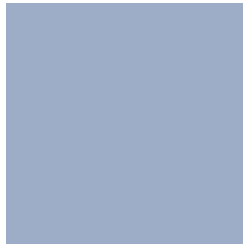
34, 61.265, 15.223



4, 16.791, 1.256

Previews

White Background



This preview shows how the CIELCh color 70, 15.514, 272.233 looks on a white background.

Color Contrast Check

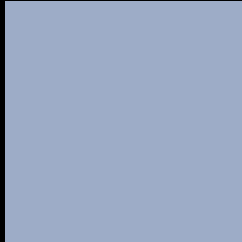
Large Text (above 18pt) WCAG AA × Fail

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, 15.514, 272.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

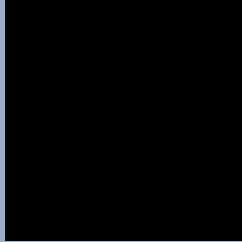
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

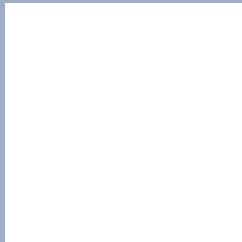
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.514, 272.233

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.514, 272.233.



This preview shows how white text looks on a background with the CIELCh color 70, 15.514, 272.233.

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, 15.514, 272.233

Protanopia

70, 15.368, 287.786

Deuteranopia

70, 18.271, 298.570



Tritanopia
70, 10.037, 249.048

Trichromacy



Original Color
70, 15.514, 272.233

Protanomaly
70, 15.478, 282.656

Deuteranomaly
70, 16.994, 289.513

Tritanomaly
70, 11.832, 261.059

Monochromacy



Original Color
70, 15.514, 272.233

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.743, 272.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.514, 272.233 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(157, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(157, 172, 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(157, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 172, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.514, 272.233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

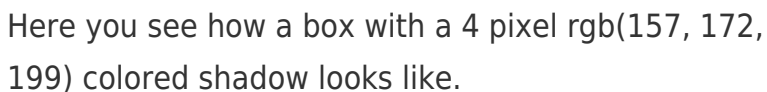
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 172, 199) }
```

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

```
.border{ border-color:rgb(157, 172, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(157, 172,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.514, 272.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 172, 199) }
```

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

```
.background{ background-color: rgb(157,  
172, 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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