

Converting Colors

CIELCh(70, 22.371, 278.621)

Have a look what the booklet for
CIELCh(70, 22.371, 278.621)
contains.

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Color

CIELCh(70, 22.371, 278.621)

Conversions

Conversions Part 1

Format	Color
Hex	9BABD3
RGB	155, 171, 211
RGB Percent	61%, 67%, 83%
CMY	0.3925, 0.3298, 0.1729
CMYK	0.27, 0.19, 0.00, 0.17
HSL	223°, 39%, 72%
HSV	223°, 27%, 83%
XYZ	39.7918, 40.7494, 67.3339
YIQ	170.7760, -22.3760, 9.0480

Conversions

Conversions Part 2

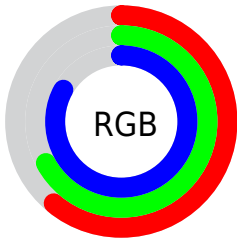
Format	Color
R _{YB}	155, 167, 211
Decimal	10202067
CIE Lab	70.00, 3.35, -22.12
CIE LCh	70, 22.371, 278.621
Yxy	40.7494, 0.2691, 0.2756
Android (android.graphics.Color)	4288392147 (0xFF9BABD3)
YUV	170.7760, 19.8304, -13.8356
Hunter-Lab	63.8353, -0.4436, -17.8548

Details

The CIELCh color `70, 22.371, 278.621` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 22.178, 91.436`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.861, 271.840`, and `50, 22.109, 278.738` is the 20% darker color. If you saturate the color by 10%, you get `65, 31.142, 280.539`, and if you desaturate by 10%, it is `75, 13.797, 276.980`.

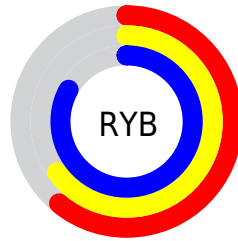
Distribution



Red (61%)

Green (67%)

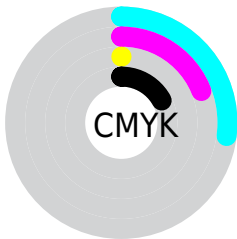
Blue (83%)



Red (61%)

Yellow (65%)

Blue (83%)

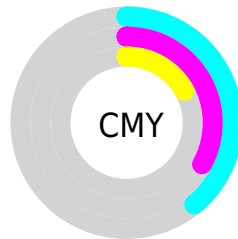


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (39%)


Magenta (33%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.371, 278.621 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, 22.371, 278.621 by changing the saturation by 10% instead.


 70, 22.371,
278.621


 70, 22.371,
278.621


 100, 22.371,
278.621


 60, 22.371,
278.621


 90, 22.371,
278.621

 50, 22.371,
278.621

 40, 22.371,
278.621

 30, 22.371,
278.621

 20, 22.371,
278.621

 10, 22.371,
278.621

 0, 22.371, 278.621

70, 22.371,
278.621

70, 22.371,
278.621

65, 31.142,
280.539

75, 13.797,
276.980

59, 40.137,
282.779

81, 5.408, 275.596

86, 2.805, 94.266

54, 49.385,
285.368

92, 10.848, 93.275

49, 58.916,
288.306

97, 18.257, 98.460

44, 68.729,
291.542

99, 22.274,
108.490

39, 78.720,
294.943

35, 88.580,
298.287

34, 91.874,

Harmonies

Complementary

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



70, 22.371, 278.621



79, 22.178, 91.436

Rectangle

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



70, 22.371, 278.621



70, 22.371, 328.621



70, 22.371, 98.621



70, 22.371, 148.621

Sweetspot

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



70, 22.370, 278.619



95, 7.716, 275.791



80, 21.642, 173.385



50, 5.491, 275.991



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, 22.370, 278.619



80, 31.655, 279.696



67, 31.341, 300.142



41, 4.664, 275.964



27, 76.441, 298.808



4, 20.592, 285.124

Inverse Universe

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



70, 23.269, 359.813



79, 32.998, 0.626



82, 29.564, 116.176



41, 4.778, 357.787



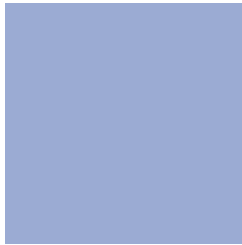
35, 64.531, 21.950



4, 20.444, 6.259

Previews

White Background



This preview shows how the CIELCh color 70, 22.371, 278.621 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, 22.371, 278.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

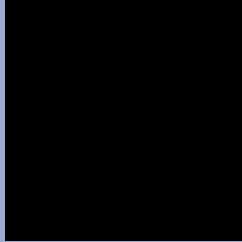
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

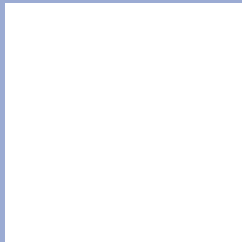
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 22.371, 278.621

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.371, 278.621.



This preview shows how white text looks on a background with the CIELCh color 70, 22.371, 278.621.

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, 22.371, 278.621

Protanopia

70, 22.532, 286.398

Deuteranopia

70, 24.689, 292.599



Tritanopia
70, 11.432, 241.187

Trichromacy



Original Color
70, 22.371, 278.621

Protanomaly
70, 22.114, 282.758

Deuteranomaly
70, 24.145, 288.578

Tritanomaly
70, 14.463, 259.984

Monochromacy



Original Color
70, 22.371, 278.621

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.453, 276.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.371, 278.621 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(155, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 211)  
}
```

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(155, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.371, 278.621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

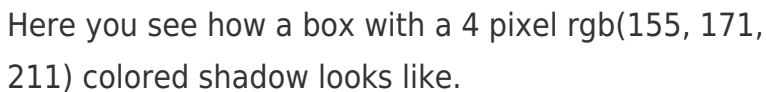
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 171, 211) }
```

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

```
.border{ border-color:rgb(155, 171, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 171, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 171, 211); box-shadow:4px 4px 4px 4px rgb(155, 171, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.371, 278.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 211) }
```

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

```
.background{ background-color: rgb(155,  
171, 211) }
```

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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