

Converting Colors

CIELCh(70, 21.231, 284.375)

Have a look what the booklet for
CIELCh(70, 21.231, 284.375)
contains.

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Color

CIELCh(70, 20.954, 283.894)

Conversions

Conversions Part 1

Format	Color
Hex	A1AAD0
RGB	161, 170, 208
RGB Percent	63%, 67%, 82%
CMY	0.3696, 0.3343, 0.1853
CMYK	0.23, 0.18, 0.00, 0.19
HSL	229°, 33%, 72%
HSV	229°, 23%, 81%
XYZ	40.3298, 40.7494, 65.2488
YIQ	171.6410, -17.5620, 9.9100

Conversions

Conversions Part 2

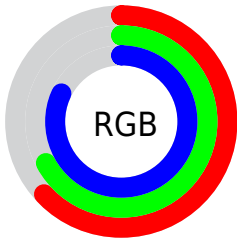
Format	Color
RYB	161, 169, 208
Decimal	10595024
CIELab	70.00, 5.03, -20.34
CIElCh	70, 20.954, 283.894
Yxy	40.7494, 0.2756, 0.2785
Android (android.graphics.Color)	4288785104 (0xFFA1AAD0)
YUV	171.6410, 17.9250, -9.3322
Hunter-Lab	63.8353, 1.0608, -15.9182

Details

The CIELCh color `70, 20.954, 283.894` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `80, 20.401, 98.307`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.827, 280.486`, and `50, 21.193, 284.393` is the 20% darker color. If you saturate the color by 10%, you get `64, 30.692, 285.583`, and if you desaturate by 10%, it is `76, 11.518, 282.450`.

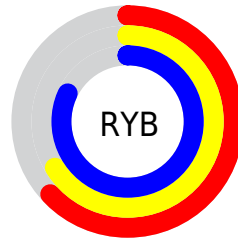
Distribution



Red (63%)

Green (67%)

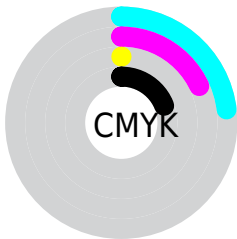
Blue (82%)



Red (63%)

Yellow (66%)

Blue (82%)

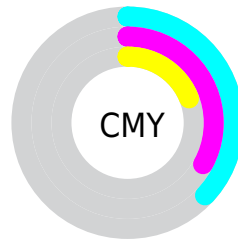


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (37%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 20.954, 283.894 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, 20.954, 283.894 by changing the saturation by 10% instead.

■ 70, 20.954,
283.894

■ 70, 20.954,
283.894

■ 100, 20.954,
283.894

■ 60, 20.954,
283.894

■ 90, 20.954,
283.894

■ 50, 20.954,
283.894

■ 40, 20.954,
283.894

■ 30, 20.954,
283.894

■ 20, 20.954,
283.894

■ 10, 20.954,
283.894

■ 0, 20.954, 283.894

70, 20.954,
283.894

70, 20.954,
283.894

64, 30.692,
285.583

76, 11.518,
282.450

58, 40.765,
287.557

82, 2.364, 281.264

88, 6.529, 100.108

52, 51.202,
289.841

94, 15.176, 99.201

47, 62.010,
292.434

99, 23.245,
107.237

41, 73.122,
295.280

99, 23.860,
108.369

36, 84.286,
298.244

32, 94.903,
301.094

30, 101.847,

Harmonies

Complementary

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



70, 20.954, 283.894



80, 20.401, 98.307

Rectangle

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



70, 20.954, 283.894



70, 20.954, 333.894



70, 20.954, 103.894



70, 20.954, 153.894

Sweetspot

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



70, 20.953, 283.892



95, 7.489, 281.752



80, 17.240, 181.208



50, 4.870, 281.825



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, 20.953, 283.892



81, 29.751, 284.654



69, 26.426, 303.266



41, 5.183, 282.037



23, 86.002, 302.533



3, 22.197, 288.225

Inverse Universe

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



71, 18.860, 6.220



82, 26.881, 6.842



81, 25.288, 120.496



41, 4.596, 4.701



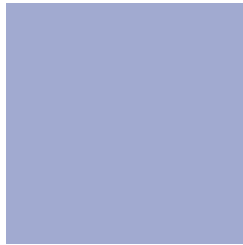
35, 68.206, 29.668



4, 20.195, 10.593

Previews

White Background



This preview shows how the CIELCh color 70, 20.954, 283.894 looks on a white background.

Color Contrast Check

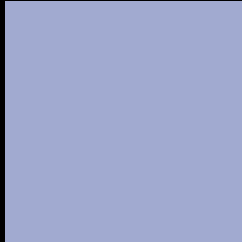
Large Text (above 18pt) WCAG AA × Fail

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, 20.954, 283.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

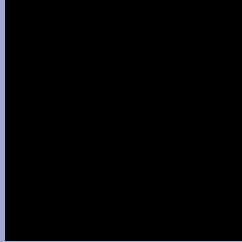
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.954, 283.894

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.954, 283.894.



This preview shows how white text looks on a background with the CIELCh color 70, 20.954, 283.894.

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, 20.954, 283.894

Protanopia

70, 20.906, 285.722

Deuteranopia

70, 22.523, 294.123



Tritanopia
70, 9.417, 253.883

Trichromacy



Original Color
70, 20.954, 283.894

Protanomaly
70, 20.906, 285.722

Deuteranomaly
70, 21.932, 290.561

Tritanomaly
70, 13.377, 270.078

Monochromacy



Original Color
70, 20.954, 283.894

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.240, 279.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.954, 283.894 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(161, 170, 208)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 208)  
}
```

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(161, 170, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.954, 283.894 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(161, 170, 208) }
```

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

```
.border{ border-color:rgb(161, 170, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 170, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 170, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 170, 208); box-shadow:4px 4px 4px 4px rgb(161, 170, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.954, 283.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 208) }
```

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

```
.background{ background-color: rgb(161,  
170, 208) }
```

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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