

Converting Colors

CIELCh(70, 8.609, 294.640)

Have a look what the booklet for
CIELCh(70, 8.609, 294.640) contains.

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Color

CIELCh(70, 8.235, 293.530)

Conversions

Conversions Part 1

Format	Color
Hex	ABAAB9
RGB	171, 170, 185
RGB Percent	67%, 67%, 73%
CMY	0.3306, 0.3345, 0.2757
CMYK	0.08, 0.08, 0.00, 0.28
HSL	244°, 10%, 69%
HSV	244°, 8%, 72%
XYZ	39.7708, 40.7494, 51.4981
YIQ	172.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

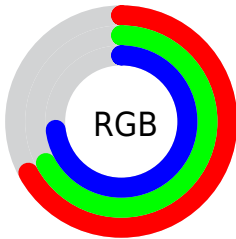
Format	Color
R_{YB}	171, 170, 185
Decimal	11250361
CIE Lab	70.00, 3.29, -7.55
CIE LCh	70, 8.235, 293.530
Yxy	40.7494, 0.3013, 0.3087
Android (android.graphics.Color)	4289440441 (0xFFABAAB9)
YUV	172.0090, 6.4046, -0.8849
Hunter-Lab	63.8353, -0.5023, -3.1466

Details

The CIELCh color $70, 8.235, 293.530$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.077, 112.101$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.337, 293.244$, and $50, 8.212, 293.922$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.738, 294.554$, and if you desaturate by 10%, it is $76, 1.861, 112.618$.

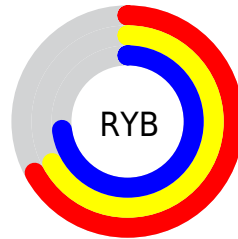
Distribution



Red (67%)

Green (67%)

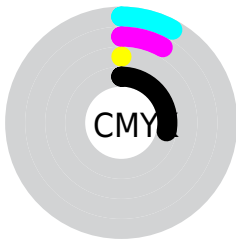
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

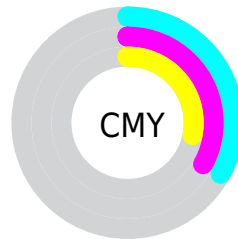


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.235, 293.530 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, 8.235, 293.530 by changing the saturation by 10% instead.

■ 70, 8.235, 293.530

■ 70, 8.235, 293.530

■ 100, 8.235,
293.530

■ 60, 8.235, 293.530

■ 90, 8.235, 293.530

■ 50, 8.235, 293.530

■ 40, 8.235, 293.530

■ 30, 8.235, 293.530

■ 20, 8.235, 293.530

■ 10, 8.235, 293.530

■ 0, 8.235, 293.530

■ 70, 8.235, 293.530

■ 70, 8.235, 293.530

■ 64, 18.738,

■ 76, 1.861, 112.618

294.554

82, 11.574,
111.881

58, 29.681,
295.760

88, 20.932,
111.239

51, 41.078,
297.159

94, 29.961,
110.687

45, 52.911,
298.755

99, 35.334,
107.485

39, 65.065,
300.521

34, 77.206,
302.372

29, 88.577,
304.127

25, 97.838,
305.513

23, 103.722,
306.329

Harmonies

Complementary

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



70, 8.235, 293.530



75, 8.077, 112.101

Rectangle

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



70, 8.235, 293.530



70, 8.235, 343.530



70, 8.235, 113.530



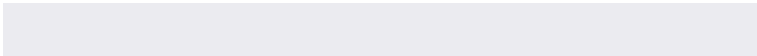
70, 8.235, 163.530

Sweetspot

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



70, 8.233, 293.524



93, 2.486, 292.984



74, 5.190, 203.587



50, 1.412, 292.976



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 8.233, 293.524



87, 12.584, 293.721



71, 8.788, 311.125



35, 5.731, 293.640



18, 92.141, 306.529



1, 15.401, 292.222

Inverse Universe

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



71, 9.501, 326.706



89, 14.483, 326.827



74, 8.693, 130.468



36, 6.604, 326.778



36, 75.883, 331.027



3, 17.593, 327.397

Previews

White Background



This preview shows how the CIELCh color 70, 8.235, 293.530 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, 8.235, 293.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

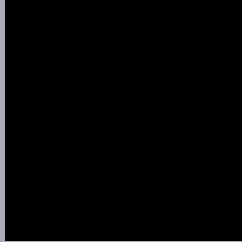
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

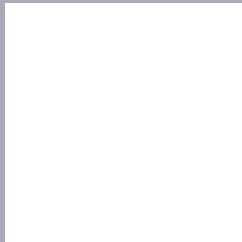
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.235, 293.530

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.235, 293.530.

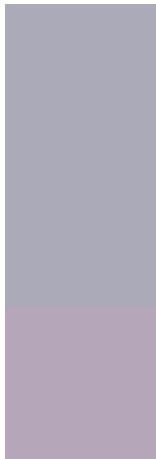


This preview shows how white text looks on a background with the CIELCh color 70, 8.235, 293.530.

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, 8.235, 293.530

Protanopia

70, 8.221, 291.002

Deuteranopia

70, 11.850, 318.925



Tritanopia
70, 7.126, 290.895

Trichromacy



Original Color
70, 8.235, 293.530

Protanomaly
70, 8.221, 291.002

Deuteranomaly
70, 10.582, 311.386

Tritanomaly
70, 7.674, 290.949

Monochromacy



Original Color
70, 8.235, 293.530

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.316, 296.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.235, 293.530 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(171, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 185)  
}
```

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(171, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.235, 293.530 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(171, 170, 185) }
```

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

```
.border{ border-color:rgb(171, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.235, 293.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 185) }
```

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

```
.background{ background-color: rgb(171,  
170, 185) }
```

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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