

Converting Colors

CIELCh(71, 9.232, 309.434)

Have a look what the booklet for
CIELCh(71, 9.232, 309.434) contains.

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Color

CIELCh(71, 9.263, 309.434)

Conversions

Conversions Part 1

Format	Color
Hex	B3ABBB
RGB	179, 171, 187
RGB Percent	70%, 67%, 73%
CMY	0.2988, 0.3302, 0.2675
CMYK	0.04, 0.09, 0.00, 0.27
HSL	270°, 10%, 70%
HSV	270°, 9%, 73%
XYZ	42.0151, 42.1875, 52.8262
YIQ	175.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

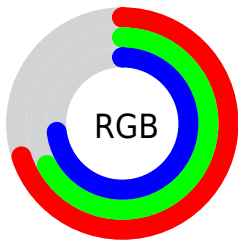
Format	Color
R_{YB}	179, 171, 187
Decimal	11774907
CIE _{Lab}	71.00, 5.88, -7.15
CIE _{LCh}	71, 9.263, 309.434
Yxy	42.1875, 0.3066, 0.3079
Android (android.graphics.Color)	4289964987 (0xFFB3ABBB)
YUV	175.2160, 5.8095, 3.3186
Hunter-Lab	64.9519, 1.7996, -2.7550

Details

The CIELCh color $71, 9.263, 309.434$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 9.145, 128.704$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 9.410, 310.378$, and $51, 9.202, 308.391$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.356, 309.918$, and if you desaturate by 10%, it is $77, 1.522, 129.079$.

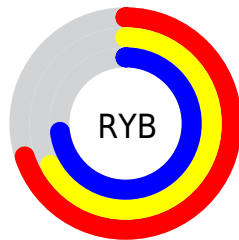
Distribution



Red (70%)

Green (67%)

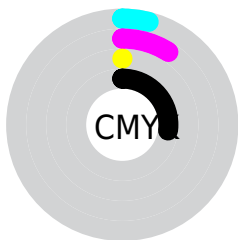
Blue (73%)



Red (70%)

Yellow (67%)

Blue (73%)

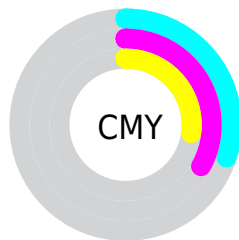


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.263, 309.434 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 71, 9.263, 309.434 by changing the saturation by 10% instead.

■ 71, 9.263, 309.434

■ 71, 9.263, 309.434

■ 100, 9.263,
309.434

■ 61, 9.263, 309.434

■ 91, 9.263, 309.434

■ 51, 9.263, 309.434

■ 41, 9.263, 309.434

■ 31, 9.263, 309.434

■ 21, 9.263, 309.434

■ 11, 9.263, 309.434

■ 1, 9.263, 309.434

■ 0, 9.263, 309.434

■ 71, 9.263, 309.434

■ 71, 9.263, 309.434

65, 20.356,
309.918

77, 1.522, 129.079

60, 31.724,
310.435

82, 11.978,
128.622

54, 43.281,
310.973

88, 22.110,
128.268

49, 54.867,
311.509

93, 31.924,
127.958

44, 66.209,
311.999

96, 36.199,
125.357

39, 76.864,
312.381

97, 35.222,
120.054

35, 86.190,
312.564

98, 34.577,
114.400

32, 93.407,
312.436

98, 34.304,
108.507

30, 98.136,

99, 34.297,
107.566

311.953

Harmonies

Complementary

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



71, 9.263, 309.434



75, 9.145, 128.704

Rectangle

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



71, 9.263, 309.434



71, 9.263, 359.434



71, 9.263, 129.434



71, 9.263, 179.434

Sweetspot

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



71, 9.261, 309.431



94, 3.982, 309.162



73, 5.112, 254.740



50, 3.045, 309.205



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 9.261, 309.431



89, 13.390, 309.507



72, 10.531, 324.431



37, 6.188, 309.469



24, 87.189, 312.030



2, 18.077, 304.983

Inverse Universe

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



71, 7.455, 344.301



89, 10.776, 344.447



74, 10.511, 143.538



37, 4.980, 344.374



34, 59.348, 1.433



3, 13.949, 351.603

Previews

White Background



This preview shows how the CIELCh color 71, 9.263, 309.434 looks on a white background.

Color Contrast Check

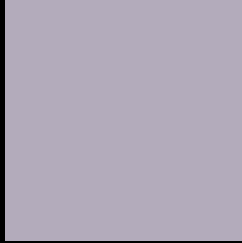
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 9.263, 309.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

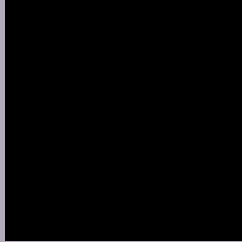
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

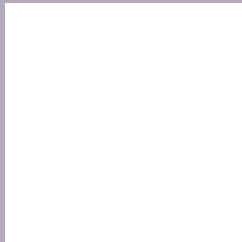
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.263, 309.434

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.263, 309.434.



This preview shows how white text looks on a background with the CIELCh color 71, 9.263, 309.434.

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

71, 9.263, 309.434

Protanopia

71, 8.195, 290.989

Deuteranopia

71, 11.337, 320.213



Tritanopia
71, 8.111, 309.387

Trichromacy



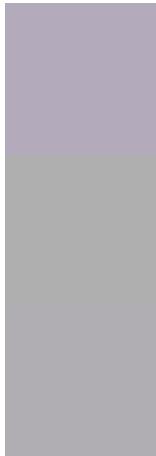
Original Color
71, 9.263, 309.434

Protanomaly
71, 8.832, 298.122

Deuteranomaly
71, 10.335, 316.279

Tritanomaly
71, 8.630, 308.251

Monochromacy



Original Color
71, 9.263, 309.434

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.480, 309.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.263, 309.434 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(179, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 187)  
}
```

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(179, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.263, 309.434 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(179, 171, 187) }
```

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

```
.border{ border-color:rgb(179, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.263, 309.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 187) }
```

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

```
.background{ background-color: rgb(179,  
171, 187) }
```

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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