

Converting Colors

CIELCh(70, 9.661, 325.754)

Have a look what the booklet for
CIELCh(70, 9.661, 325.754) contains.

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Color

CIELCh(70, 9.531, 326.719)

Conversions

Conversions Part 1

Format	Color
Hex	B6A7B5
RGB	182, 167, 181
RGB Percent	71%, 65%, 71%
CMY	0.2875, 0.3463, 0.2915
CMYK	0.00, 0.08, 0.01, 0.29
HSL	304°, 9%, 68%
HSV	304°, 8%, 71%
XYZ	41.2827, 40.7494, 49.2318
YIQ	173.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

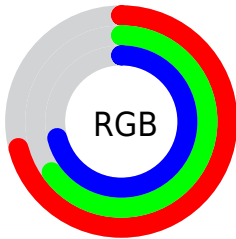
Format	Color
R_{YB}	182, 167, 181
Decimal	11970485
CIE Lab	70.00, 7.97, -5.23
CIE LCh	70, 9.531, 326.719
Yxy	40.7494, 0.3145, 0.3104
Android (android.graphics.Color)	4290160565 (0xFFB6A7B5)
YUV	173.0810, 3.9041, 7.8220
Hunter-Lab	63.8353, 3.7254, -1.0417

Details

The CIELCh color $70, 9.531, 326.719$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 9.510, 145.825$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.688, 326.514$, and $50, 9.456, 326.994$ is the 20% darker color. If you saturate the color by 10%, you get $65, 21.172, 327.298$, and if you desaturate by 10%, it is $75, 1.992, 146.318$.

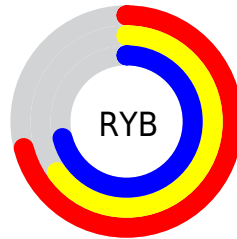
Distribution



Red (71%)

Green (65%)

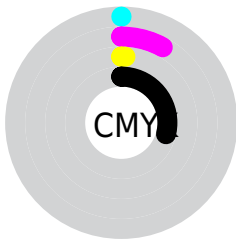
Blue (71%)



Red (71%)

Yellow (65%)

Blue (71%)

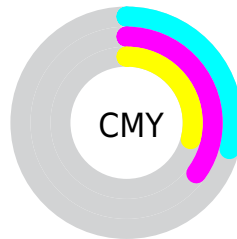


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.531, 326.719 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, 9.531, 326.719 by changing the saturation by 10% instead.

■ 70, 9.531, 326.719

■ 70, 9.531, 326.719

■ 100, 9.531,
326.719

■ 60, 9.531, 326.719

■ 90, 9.531, 326.719

■ 50, 9.531, 326.719

■ 40, 9.531, 326.719

■ 30, 9.531, 326.719

■ 20, 9.531, 326.719

■ 10, 9.531, 326.719

■ 0, 9.531, 326.719

■ 70, 9.531, 326.719

■ 70, 9.531, 326.719

■ 65, 21.172,

■ 75, 1.992, 146.318

327.298

80, 13.284,
145.669

61, 32.771,
327.866

85, 24.285,
145.140

57, 44.082,
328.422

90, 34.963,
144.639

53, 54.770,
328.955

94, 43.821,
144.294

50, 64.422,
329.455

94, 43.320,
144.766

47, 72.574,
329.913

94, 42.820,
145.248

45, 78.794,
330.322

94, 42.322,
145.741

43, 82.806,
330.687

94, 41.826,
146.245

43, 84.760,
331.016

Harmonies

Complementary

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



70, 9.531, 326.719



72, 9.510, 145.825

Rectangle

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



70, 9.531, 326.719



70, 9.531, 16.719



70, 9.531, 146.719



70, 9.531, 196.719

Sweetspot

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



70, 9.529, 326.719



93, 2.861, 326.290



69, 8.260, 293.543



50, 1.640, 326.279



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, 9.529, 326.719



88, 14.356, 326.832



70, 6.722, 348.067



36, 6.603, 326.784



36, 75.871, 331.036



3, 17.589, 327.406

Inverse Universe

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



70, 9.529, 326.719



88, 14.356, 326.832



73, 6.623, 166.756



36, 6.603, 326.784



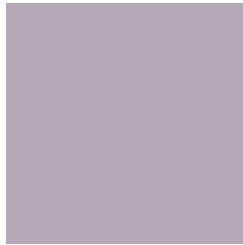
36, 75.871, 331.036



3, 17.589, 327.406

Previews

White Background



This preview shows how the CIELCh color 70, 9.531, 326.719 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, 9.531, 326.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

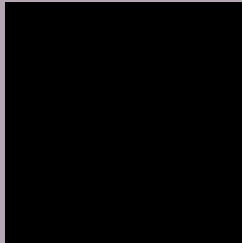
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 9.531, 326.719

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.531, 326.719.



This preview shows how white text looks on a background with the CIELCh color 70, 9.531, 326.719.

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, 9.531, 326.719

Protanopia

70, 7.141, 293.826

Deuteranopia

70, 10.422, 328.324



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 9.531, 326.719

Protanomaly
70, 7.492, 308.026

Deuteranomaly
70, 10.422, 328.324

Tritanomaly
70, 9.099, 328.757

Monochromacy



Original Color
70, 9.531, 326.719

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.337, 324.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.531, 326.719 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(182, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 167, 181)  
}
```

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(182, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 167, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.531, 326.719 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(182, 167, 181) }
```

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

```
.border{ border-color:rgb(182, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 167,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.531, 326.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 167, 181) }
```

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

```
.background{ background-color: rgb(182,  
167, 181) }
```

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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