

Converting Colors

CIELCh(71, 9.007, 334.515)

Have a look what the booklet for
CIELCh(71, 9.007, 334.515) contains.

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Color

CIELCh(71, 9.167, 334.629)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B5
RGB	186, 169, 181
RGB Percent	73%, 66%, 71%
CMY	0.2703, 0.3370, 0.2899
CMYK	0.00, 0.09, 0.03, 0.27
HSL	318°, 11%, 70%
HSV	318°, 9%, 73%
XYZ	42.8141, 42.1875, 49.6389
YIQ	175.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

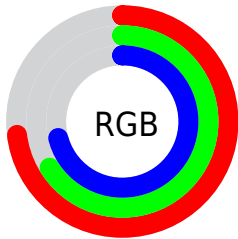
Format	Color
RYB	186, 169, 181
Decimal	12233141
CIELab	71.00, 8.28, -3.93
CIELCh	71, 9.167, 334.629
Yxy	42.1875, 0.3180, 0.3133
Android (android.graphics.Color)	4290423221 (0xFFBAA9B5)
YUV	175.4510, 2.7357, 9.2515
Hunter-Lab	64.9519, 3.9953, 0.1545

Details

The CIELCh color $71, 9.167, 334.629$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 9.120, 153.455$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 9.337, 333.860$, and $51, 9.074, 335.574$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.316, 335.358$, and if you desaturate by 10%, it is $76, 0.851, 154.373$.

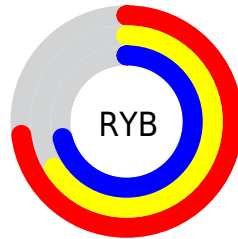
Distribution



Red (73%)

Green (66%)

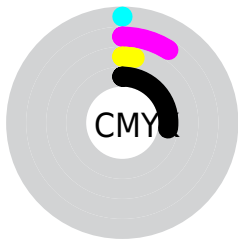
Blue (71%)



Red (73%)

Yellow (66%)

Blue (71%)

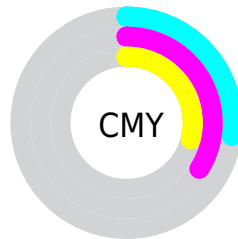


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.167, 334.629 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, 9.167, 334.629 by changing the saturation by 10% instead.

■ 71, 9.167, 334.629

■ 71, 9.167, 334.629

■ 100, 9.167,
334.629

■ 61, 9.167, 334.629

■ 91, 9.167, 334.629

■ 51, 9.167, 334.629

■ 41, 9.167, 334.629

■ 31, 9.167, 334.629

■ 21, 9.167, 334.629

■ 11, 9.167, 334.629

■ 1, 9.167, 334.629

■ 0, 9.167, 334.629

■ 71, 9.167, 334.629

■ 71, 9.167, 334.629

66, 19.316,
335.358

76, 0.851, 154.373

61, 29.459,
336.117

81, 10.645,
153.399

57, 39.371,
336.926

86, 20.169,
152.791

53, 48.738,
337.799

91, 29.405,
152.226

49, 57.152,
338.758

95, 34.166,
153.090

46, 64.136,
339.835

95, 32.131,
156.481

44, 69.230,
341.081

95, 30.200,
160.296

42, 72.126,
342.560

95, 28.397,
164.592

41, 73.052,

95, 26.753,
169.422

Harmonies

Complementary

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



71, 9.167, 334.629



74, 9.120, 153.455

Rectangle

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



71, 9.167, 334.629



71, 9.167, 24.629



71, 9.167, 154.629



71, 9.167, 204.629

Sweetspot

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



71, 9.165, 334.631



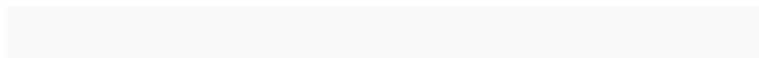
94, 3.714, 334.150



70, 9.509, 301.722



50, 2.839, 334.226



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, 9.165, 334.631



89, 13.695, 334.779



71, 6.785, 2.771



36, 5.623, 334.645



34, 64.210, 344.177



3, 14.133, 338.995

Inverse Universe

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



71, 9.165, 334.631



89, 13.695, 334.779



74, 6.558, 181.246



36, 5.623, 334.645



34, 64.210, 344.177



3, 14.133, 338.995

Previews

White Background



This preview shows how the CIELCh color 71, 9.167, 334.629 looks on a white background.

Color Contrast Check

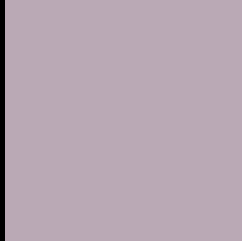
Large Text (above 18pt) WCAG AA × Fail

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 71, 9.167, 334.629 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, 9.167, 334.629

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.167, 334.629.



This preview shows how white text looks on a background with the CIELCh color 71, 9.167, 334.629.

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, 9.167, 334.629

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 9.433, 336.304



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 9.167, 334.629

Protanomaly
71, 5.927, 312.685

Deuteranomaly
71, 9.433, 336.304

Tritanomaly
71, 9.561, 332.342

Monochromacy



Original Color
71, 9.167, 334.629

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 3.806, 333.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.167, 334.629 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(186, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 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(186, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.167, 334.629 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(186, 169, 181) }
```

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

```
.border{ border-color:rgb(186, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.167, 334.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 181) }
```

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

```
.background{ background-color: rgb(186,  
169, 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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