

Converting Colors

CIELCh(71, 8.040, 344.365)

Have a look what the booklet for
CIELCh(71, 8.040, 344.365) contains.

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Color

CIELCh(71, 8.096, 342.789)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B2
RGB	186, 169, 178
RGB Percent	73%, 66%, 70%
CMY	0.2694, 0.3361, 0.3008
CMYK	0.00, 0.09, 0.04, 0.27
HSL	328°, 11%, 70%
HSV	328°, 9%, 73%
XYZ	42.6302, 42.1875, 48.1711
YIQ	175.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

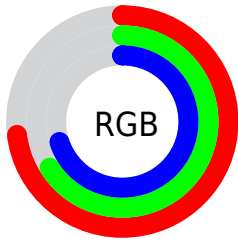
Format	Color
RYB	186, 169, 178
Decimal	12233138
CIELab	71.00, 7.73, -2.40
CIELCh	71, 8.096, 342.789
Yxy	42.1875, 0.3206, 0.3172
Android (android.graphics.Color)	4290423218 (0xFFBAA9B2)
YUV	175.1090, 1.4253, 9.5514
Hunter-Lab	64.9519, 3.4900, 1.4943

Details

The CIELCh color $71, 8.096, 342.789$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 8.007, 161.416$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.293, 341.309$, and $51, 7.967, 344.593$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.130, 343.697$, and if you desaturate by 10%, it is $76, 0.757, 162.536$.

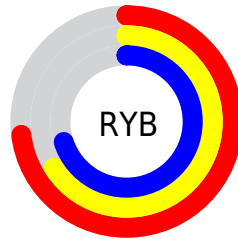
Distribution



Red (73%)

Green (66%)

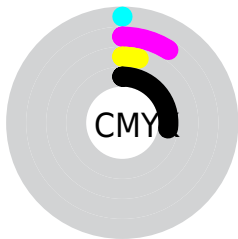
Blue (70%)



Red (73%)

Yellow (66%)

Blue (70%)

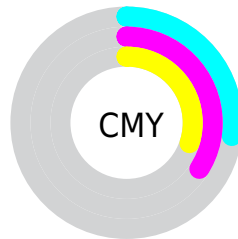


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.096, 342.789 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, 8.096, 342.789 by changing the saturation by 10% instead.

71, 8.096, 342.789

71, 8.096, 342.789

100, 8.096,
342.789

61, 8.096, 342.789

91, 8.096, 342.789

51, 8.096, 342.789

41, 8.096, 342.789

31, 8.096, 342.789

21, 8.096, 342.789

11, 8.096, 342.789

1, 8.096, 342.789

0, 8.096, 342.789

71, 8.096, 342.789

71, 8.096, 342.789

66, 17.130,
343.697

76, 0.757, 162.536

61, 26.233,
344.682

81, 9.358, 161.349

57, 35.214,
345.790

86, 17.679,
160.655

53, 43.793,
347.065

92, 25.712,
160.024

49, 51.589,
348.568

95, 29.214,
162.320

46, 58.153,
350.387

95, 26.527,
169.899

43, 63.044,
352.642

95, 24.340,
178.955

41, 65.982,
355.480

95, 22.810,
189.464

40, 67.237,

96, 22.182,
198.051

358.957

Harmonies

Complementary

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



71, 8.096, 342.789



74, 8.007, 161.416

Rectangle

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



71, 8.096, 342.789



71, 8.096, 32.789



71, 8.096, 162.789



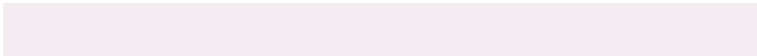
71, 8.096, 212.789

Sweetspot

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



71, 8.094, 342.793



94, 3.273, 342.206



70, 9.794, 308.303



50, 2.503, 342.300



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, 8.094, 342.793



89, 12.102, 342.975



71, 6.522, 17.198



37, 5.080, 342.814



34, 59.730, 358.730



3, 14.188, 349.879

Inverse Universe

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



71, 8.094, 342.793



89, 12.102, 342.975



74, 6.183, 196.145



37, 5.080, 342.814



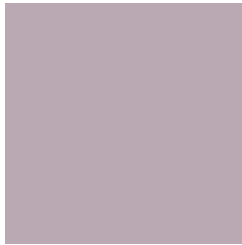
34, 59.730, 358.730



3, 14.188, 349.879

Previews

White Background



This preview shows how the CIELCh color 71, 8.096, 342.789 looks on a white background.

Color Contrast Check

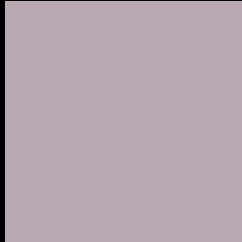
Large Text (above 18pt) WCAG AA × Fail

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, 8.096, 342.789 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, 8.096, 342.789

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.096, 342.789.



This preview shows how white text looks on a background with the CIELCh color 71, 8.096, 342.789.

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, 8.096, 342.789

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 9.645, 345.862



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 8.096, 342.789

Protanomaly
71, 4.658, 324.602

Deuteranomaly
71, 9.335, 344.496

Tritanomaly
71, 9.433, 336.304

Monochromacy



Original Color
71, 8.096, 342.789

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.803, 343.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.096, 342.789 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.096, 342.789 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, 178) }
```

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

```
.border{ border-color:rgb(186, 169, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.096, 342.789 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, 178) }
```

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

```
.background{ background-color: rgb(186,  
169, 178) }
```

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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