

Converting Colors

CIELCh(71, 4.374, 39.579)

Have a look what the booklet for
CIELCh(71, 4.374, 39.579) contains.

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Color

CIELCh(71, 4.145, 42.742)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACA9
RGB	182, 172, 169
RGB Percent	71%, 67%, 66%
CMY	0.2872, 0.3264, 0.3382
CMYK	0.00, 0.05, 0.07, 0.29
HSL	14°, 8%, 69%
HSV	14°, 7%, 71%
XYZ	41.0824, 42.1875, 43.3987
YIQ	174.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

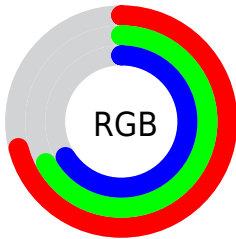
Format	Color
RYB	182, 173, 169
Decimal	11971753
CIELab	71.00, 3.04, 2.81
CIELCh	71, 4.145, 42.742
Yxy	42.1875, 0.3243, 0.3331
Android (android.graphics.Color)	4290161833 (0xFFB6ACA9)
YUV	174.6480, -2.7845, 6.4477
Hunter-Lab	64.9519, -0.7637, 5.8507

Details

The CIELCh color $71, 4.145, 42.742$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.976, 223.550$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.259, 40.845$, and $51, 4.074, 44.944$ is the 20% darker color. If you saturate the color by 10%, you get $67, 10.348, 42.569$, and if you desaturate by 10%, it is $75, 1.593, 223.554$.

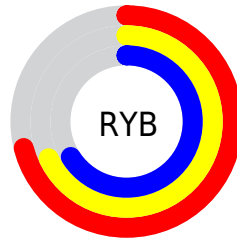
Distribution



Red (71%)

Green (67%)

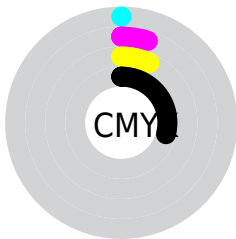
Blue (66%)



Red (71%)

Yellow (68%)

Blue (66%)

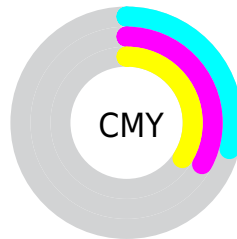


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.145, 42.742 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, 4.145, 42.742 by changing the saturation by 10% instead.

■ 71, 4.145, 42.742

■ 71, 4.145, 42.742

■ 100, 4.145, 42.742

■ 61, 4.145, 42.742

■ 91, 4.145, 42.742

■ 51, 4.145, 42.742

■ 41, 4.145, 42.742

■ 31, 4.145, 42.742

■ 21, 4.145, 42.742

■ 11, 4.145, 42.742

■ 1, 4.145, 42.742

■ 0, 4.145, 42.742

■ 71, 4.145, 42.742

■ 71, 4.145, 42.742

67, 10.348, 42.569

75, 1.593, 223.554

63, 17.062, 42.415

79, 6.914, 223.720

59, 24.323, 42.384

84, 11.864,
224.134

55, 32.143, 42.512

88, 16.489,
224.591

52, 40.496, 42.826

49, 49.280, 43.328

92, 20.140,
218.474

46, 58.243, 43.950

95, 23.487,
197.969

43, 66.807, 44.460

41, 73.916, 44.429

Harmonies

Complementary

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



71, 4.145, 42.742



72, 3.976, 223.550

Rectangle

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



71, 4.145, 42.742



71, 4.145, 92.742



71, 4.145, 222.742



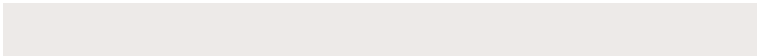
71, 4.145, 272.742

Sweetspot

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



71, 4.144, 42.771



93, 1.409, 42.632



70, 7.428, 331.522



50, 0.807, 42.612



97, 0.011, 296.813



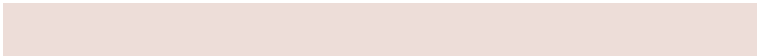
50, 0.007, 296.813

Same Dimension

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



71, 4.144, 42.771



89, 6.528, 42.736



73, 5.222, 94.034



37, 3.340, 42.732



35, 67.295, 44.863



4, 9.185, 35.929

Inverse Universe

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



72, 3.976, 223.550



91, 6.183, 223.620



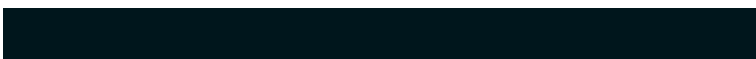
70, 5.247, 275.835



38, 3.160, 223.627



47, 30.951, 241.617



6, 8.515, 234.448

Previews

White Background



This preview shows how the CIELCh color 71, 4.145, 42.742 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, 4.145, 42.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

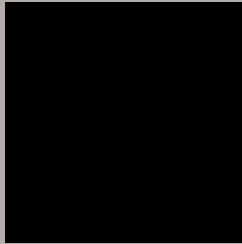
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

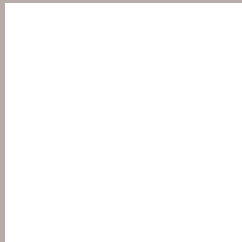
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.145, 42.742

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.145, 42.742.



This preview shows how white text looks on a background with the CIELCh color 71, 4.145, 42.742.

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, 4.145, 42.742

Protanopia

71, 2.875, 68.481

Deuteranopia

71, 9.273, 16.824



Tritanopia
71, 8.845, 326.820

Trichromacy



Original Color
71, 4.145, 42.742

Protanomaly
71, 3.140, 63.206

Deuteranomaly
71, 7.304, 19.977

Tritanomaly
71, 5.935, 339.854

Monochromacy



Original Color
71, 4.145, 42.742

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.599, 39.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.145, 42.742 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, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 169)  
}
```

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, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.145, 42.742 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, 172, 169) }
```

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

```
.border{ border-color:rgb(182, 172, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.145, 42.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 169) }
```

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

```
.background{ background-color: rgb(182,  
172, 169) }
```

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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