

Converting Colors

CIELCh(71, 6.530, 42.077)

Have a look what the booklet for
CIELCh(71, 6.530, 42.077) contains.

CIELCh(71, 6.393, 44.893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 6.393, 44.893)

Conversions

Conversions Part 1

Format	Color
Hex	BAABA6
RGB	186, 171, 166
RGB Percent	73%, 67%, 65%
CMY	0.2715, 0.3303, 0.3500
CMYK	0.00, 0.08, 0.11, 0.27
HSL	15°, 13%, 69%
HSV	15°, 11%, 73%
XYZ	41.5684, 42.1875, 41.9132
YIQ	174.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

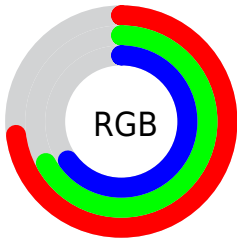
Format	Color
RYB	186, 173, 166
Decimal	12233638
CIELab	71.00, 4.53, 4.51
CIELCh	71, 6.393, 44.893
Yxy	42.1875, 0.3308, 0.3357
Android (android.graphics.Color)	4290423718 (0xFFBAABA6)
YUV	174.9150, -4.3951, 9.7215
Hunter-Lab	64.9519, 0.5719, 7.2067

Details

The CIELCh color **71, 6.393, 44.893** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.001, 226.091**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 6.371, 43.561**, and **51, 6.509, 46.312** is the 20% darker color. If you saturate the color by 10%, you get **67, 12.832, 44.613**, and if you desaturate by 10%, it is **75, 0.434, 44.256**.

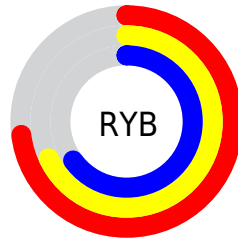
Distribution



Red (73%)

Green (67%)

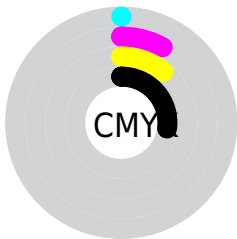
Blue (65%)



Red (73%)

Yellow (68%)

Blue (65%)

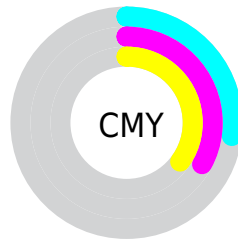


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.393, 44.893 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, 6.393, 44.893 by changing the saturation by 10% instead.

 71, 6.393, 44.893

 71, 6.393, 44.893

 100, 6.393, 44.893

 61, 6.393, 44.893

 91, 6.393, 44.893

 51, 6.393, 44.893

 41, 6.393, 44.893

 31, 6.393, 44.893

 21, 6.393, 44.893

 11, 6.393, 44.893

 1, 6.393, 44.893

 0, 6.393, 44.893

 71, 6.393, 44.893

 71, 6.393, 44.893

67, 12.832, 44.613

75, 0.434, 44.256

63, 19.797, 44.390

79, 5.092, 225.977

59, 27.317, 44.292

83, 10.234,
226.437

56, 35.397, 44.348

88, 15.038,
226.956

52, 43.991, 44.574

49, 52.954, 44.948

92, 18.901,
222.105

46, 61.937, 45.356

95, 22.115,
198.948

44, 70.159, 45.467

42, 76.457, 45.245

96, 22.340,
198.041

Harmonies

Complementary

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



71, 6.393, 44.893



73, 6.001, 226.091

Rectangle

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



71, 6.393, 44.893



71, 6.393, 94.893



71, 6.393, 224.893



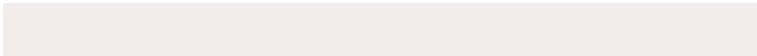
71, 6.393, 274.893

Sweetspot

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



71, 6.392, 44.913



94, 2.143, 45.022



70, 11.142, 333.007



50, 1.644, 45.048



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, 6.392, 44.913



89, 9.673, 44.837



74, 8.308, 95.953



37, 3.314, 44.956



35, 66.701, 45.626



4, 9.105, 37.508

Inverse Universe

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



73, 6.001, 226.091



91, 8.939, 226.234



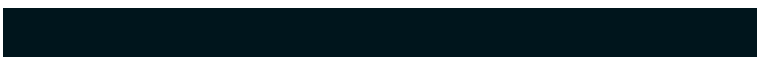
70, 8.376, 278.587



38, 3.139, 226.016



46, 31.520, 245.603



6, 8.532, 237.518

Previews

White Background



This preview shows how the CIELCh color 71, 6.393, 44.893 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, 6.393, 44.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

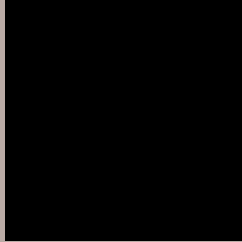
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 6.393, 44.893

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.393, 44.893.



This preview shows how white text looks on a background with the CIELCh color 71, 6.393, 44.893.

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, 6.393, 44.893

Protanopia

71, 3.767, 79.335

Deuteranopia

71, 9.776, 26.554



Tritanopia
71, 10.731, 334.978

Trichromacy



Original Color
71, 6.393, 44.893

Protanomaly
71, 4.380, 57.878

Deuteranomaly
71, 8.301, 31.331

Tritanomaly
71, 7.828, 350.923

Monochromacy



Original Color
71, 6.393, 44.893

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.330, 32.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.393, 44.893 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, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 166)  
}
```

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, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.393, 44.893 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, 171, 166) }
```

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

```
.border{ border-color:rgb(186, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.393, 44.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 166) }
```

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

```
.background{ background-color: rgb(186,  
171, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor