

Converting Colors

CIELCh(71, 7.764, 6.275)

Have a look what the booklet for
CIELCh(71, 7.764, 6.275) contains.

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Color

CIELCh(71, 7.823, 8.025)

Conversions

Conversions Part 1

Format	Color
Hex	BDA9AC
RGB	189, 169, 172
RGB Percent	74%, 66%, 67%
CMY	0.2587, 0.3371, 0.3254
CMYK	0.00, 0.11, 0.09, 0.26
HSL	351°, 13%, 70%
HSV	351°, 11%, 74%
XYZ	42.6346, 42.1875, 44.9390
YIQ	175.3220, 10.9570, 5.1730

Conversions

Conversions Part 2

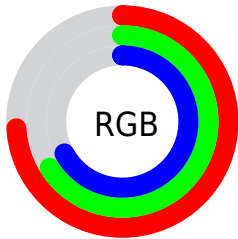
Format	Color
RYB	189, 169, 172
Decimal	12429740
CIELab	71.00, 7.75, 1.09
CIELCh	71, 7.823, 8.025
Yxy	42.1875, 0.3286, 0.3251
Android (android.graphics.Color)	4290619820 (0xFFBDA9AC)
YUV	175.3220, -1.6377, 11.9956
Hunter-Lab	64.9519, 3.5019, 4.4447

Details

The CIELCh color $71, 7.823, 8.025$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 7.457, 186.330$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.767, 8.390$, and $51, 7.981, 7.732$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.657, 9.141$, and if you desaturate by 10%, it is $76, 0.418, 5.997$.

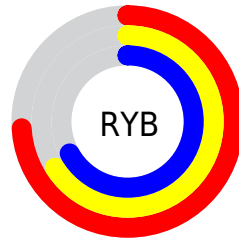
Distribution



Red (74%)

Green (66%)

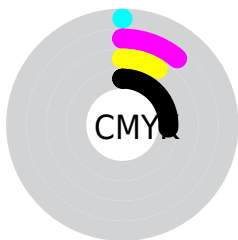
Blue (67%)



Red (74%)

Yellow (66%)

Blue (67%)

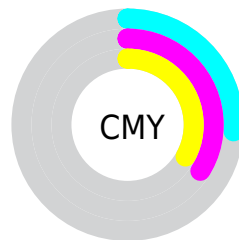


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.823, 8.025 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, 7.823, 8.025 by changing the saturation by 10% instead.

71, 7.823, 8.025

71, 7.823, 8.025

100, 7.823, 8.025

61, 7.823, 8.025

91, 7.823, 8.025

51, 7.823, 8.025

41, 7.823, 8.025

31, 7.823, 8.025

21, 7.823, 8.025

11, 7.823, 8.025

1, 7.823, 8.025

0, 7.823, 8.025

71, 7.823, 8.025

71, 7.823, 8.025

66, 15.657, 9.141

76, 0.418, 5.997

61, 23.885, 10.453

82, 6.551, 186.507

56, 32.407, 12.063

87, 13.105,
185.803

52, 41.049, 14.076

93, 19.276,
185.207

48, 49.553, 16.622

44, 57.612, 19.841

96, 21.577,
194.480

42, 64.948, 23.832

96, 21.386,
198.100

40, 71.403, 28.528

39, 76.778, 33.043

Harmonies

Complementary

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



71, 7.823, 8.025



75, 7.457, 186.330

Rectangle

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



71, 7.823, 8.025



71, 7.823, 58.025



71, 7.823, 188.025



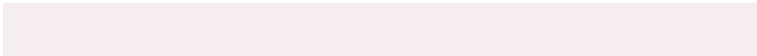
71, 7.823, 238.025

Sweetspot

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



71, 7.821, 8.036



94, 2.678, 7.180



71, 12.639, 320.751



50, 2.034, 7.298



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, 7.821, 8.036



88, 11.949, 8.313



73, 6.264, 56.802



37, 4.169, 7.908



33, 66.766, 32.302



3, 12.415, 10.839

Inverse Universe

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



71, 7.821, 8.036



88, 11.949, 8.313



73, 5.959, 238.850



37, 4.169, 7.908



33, 66.766, 32.302



3, 12.415, 10.839

Previews

White Background



This preview shows how the CIELCh color 71, 7.823, 8.025 looks on a white background.

Color Contrast Check

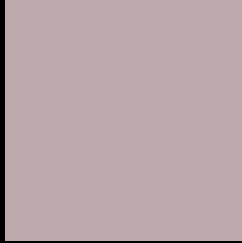
Large Text (above 18pt) WCAG AA × Fail

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, 7.823, 8.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

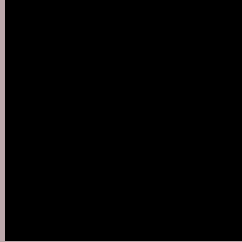
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 7.823, 8.025

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.823, 8.025.



This preview shows how white text looks on a background with the CIELCh color 71, 7.823, 8.025.

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, 7.823, 8.025

Protanopia

71, 1.610, 359.442

Deuteranopia

71, 9.076, 6.329



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color

71, 7.823, 8.025

Protanomaly

71, 3.457, 10.509

Deuteranomaly

71, 8.699, 5.672

Tritanomaly

71, 9.961, 347.146

Monochromacy



Original Color

71, 7.823, 8.025

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 2.704, 7.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.823, 8.025 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(189, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 172)  
}
```

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(189, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.823, 8.025 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(189, 169, 172) }
```

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

```
.border{ border-color:rgb(189, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.823, 8.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 172) }
```

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

```
.background{ background-color: rgb(189,  
169, 172) }
```

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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