

Converting Colors

CIELCh(75, 4.969, 72.601)

Have a look what the booklet for
CIELCh(75, 4.969, 72.601) contains.

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Color

CIELCh(75, 4.823, 70.736)

Conversions

Conversions Part 1

Format	Color
Hex	BFB7B0
RGB	191, 183, 176
RGB Percent	75%, 72%, 69%
CMY	0.2496, 0.2810, 0.3085
CMYK	0.00, 0.04, 0.08, 0.25
HSL	28°, 11%, 72%
HSV	28°, 8%, 75%
XYZ	46.4476, 48.2781, 48.1219
YIQ	184.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

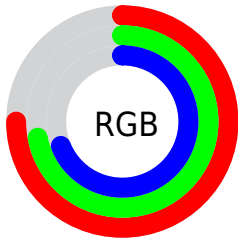
Format	Color
RYB	191, 189, 176
Decimal	12564400
CIELab	75.00, 1.59, 4.55
CIELCh	75, 4.823, 70.736
Yxy	48.2781, 0.3252, 0.3380
Android (android.graphics.Color)	4290754480 (0xFFBFB7B0)
YUV	184.5940, -4.2368, 5.6181
Hunter-Lab	69.4824, -2.2706, 7.5749

Details

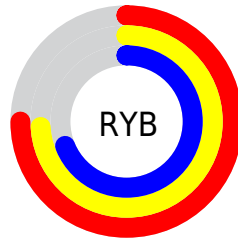
The CIELCh color $75, 4.823, 70.736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 4.722, 252.793$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.575, 70.910$, and $55, 4.720, 66.175$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.266, 69.635$, and if you desaturate by 10%, it is $78, 1.304, 252.291$.

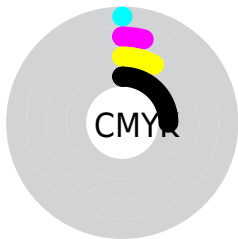
Distribution



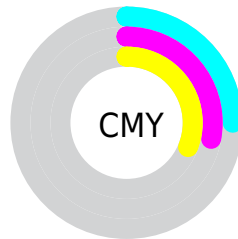
- Red (75%)
- Green (72%)
- Blue (69%)



- Red (75%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.823, 70.736 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 75, 4.823, 70.736 by changing the saturation by 10% instead.

■ 75, 4.823, 70.736

■ 75, 4.823, 70.736

■ 100, 4.823, 70.736

■ 65, 4.823, 70.736

■ 95, 4.823, 70.736

■ 55, 4.823, 70.736

■ 45, 4.823, 70.736

■ 35, 4.823, 70.736

■ 25, 4.823, 70.736

■ 15, 4.823, 70.736

■ 5, 4.823, 70.736

■ 0, 4.823, 70.736

■ 75, 4.823, 70.736

■ 75, 4.823, 70.736

72, 11.266, 69.635

78, 1.304, 252.291

69, 18.051, 68.469

81, 7.148, 253.187

66, 25.197, 67.298

85, 12.740,
254.268

63, 32.698, 66.129

88, 18.108,
255.329

60, 40.502, 64.954

57, 48.465, 63.734

90, 17.290,
237.222

55, 56.259, 62.372

93, 17.932,
215.993

53, 63.241, 60.654

50, 68.600, 58.310

96, 20.618,
198.502

96, 20.703,
198.143

Harmonies

Complementary

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



75, 4.823, 70.736



74, 4.722, 252.793

Rectangle

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



75, 4.823, 70.736



75, 4.823, 120.736



75, 4.823, 250.736



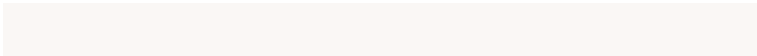
75, 4.823, 300.736

Sweetspot

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



75, 4.823, 70.762



97, 1.500, 71.206



73, 7.117, 342.470



52, 0.852, 71.201



99, 0.012, 296.813



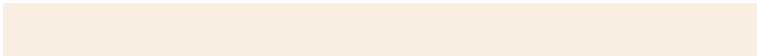
52, 0.007, 296.813

Same Dimension

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



75, 4.823, 70.762



95, 6.900, 70.622



77, 7.754, 108.044



39, 3.538, 70.596



42, 61.069, 58.382



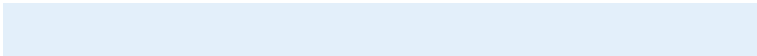
6, 11.462, 54.551

Inverse Universe

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



74, 4.722, 252.793



94, 6.725, 252.955



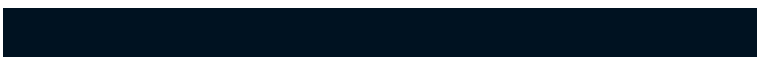
73, 7.892, 289.637



39, 3.445, 252.985



36, 47.335, 280.078



5, 12.372, 266.454

Previews

White Background



This preview shows how the CIELCh color 75, 4.823, 70.736 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 75, 4.823, 70.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

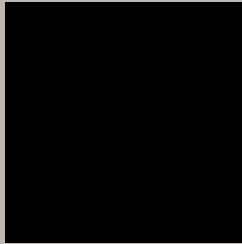
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

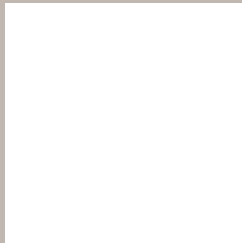
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.823, 70.736

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.823, 70.736.

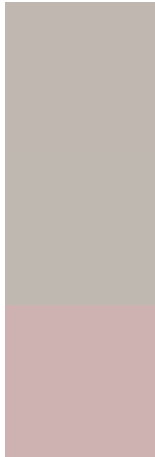


This preview shows how white text looks on a background with the CIELCh color 75, 4.823, 70.736.

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


75, 4.823, 70.736

Protanopia

75, 4.380, 78.548

Deuteranopia

75, 10.375, 23.181



Tritanopia
75, 8.984, 322.842

Trichromacy



Original Color
75, 4.823, 70.736

Protanomaly
75, 4.380, 78.548

Deuteranomaly
75, 7.811, 31.843

Tritanomaly
75, 5.241, 341.654

Monochromacy



Original Color
75, 4.823, 70.736

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.541, 63.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.823, 70.736 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(191, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 176)  
}
```

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(191, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.823, 70.736 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(191, 183, 176) }
```

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

```
.border{ border-color:rgb(191, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.823, 70.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 176) }
```

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

```
.background{ background-color: rgb(191,  
183, 176) }
```

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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