

Converting Colors

CIELCh(75, 3.216, 331.956)

Have a look what the booklet for
CIELCh(75, 3.216, 331.956) contains.

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Color

CIELCh(75, 3.123, 335.777)

Conversions

Conversions Part 1

Format	Color
Hex	BDB7BB
RGB	189, 183, 187
RGB Percent	74%, 72%, 73%
CMY	0.2588, 0.2823, 0.2666
CMYK	0.00, 0.03, 0.01, 0.26
HSL	320°, 4%, 73%
HSV	320°, 3%, 74%
XYZ	46.8937, 48.2781, 53.8651
YIQ	185.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

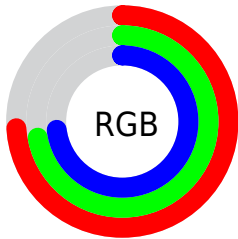
Format	Color
R_{YB}	189, 183, 187
Decimal	12433339
CIE _{Lab}	75.00, 2.85, -1.28
CIE _{LCh}	75, 3.123, 335.777
Yxy	48.2781, 0.3146, 0.3239
Android (android.graphics.Color)	4290623419 (0xFFBDB7BB)
YUV	185.2500, 0.8628, 3.2887
Hunter-Lab	69.4824, -1.1246, 2.6741

Details

The CIELCh color $75, 3.123, 335.777$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.102, 155.561$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 2.974, 335.700$, and $55, 3.320, 335.883$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.056, 336.580$, and if you desaturate by 10%, it is $80, 6.613, 155.273$.

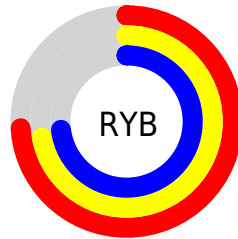
Distribution



Red (74%)

Green (72%)

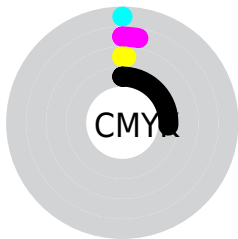
Blue (73%)



Red (74%)

Yellow (72%)

Blue (73%)

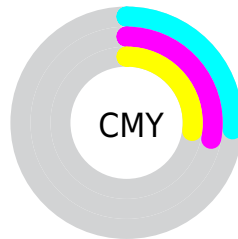


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.123, 335.777 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, 3.123, 335.777 by changing the saturation by 10% instead.

■ 75, 3.123, 335.777

■ 75, 3.123, 335.777

■ 100, 3.123,
335.777

■ 65, 3.123, 335.777

■ 95, 3.123, 335.777

■ 55, 3.123, 335.777

■ 45, 3.123, 335.777

■ 35, 3.123, 335.777

■ 25, 3.123, 335.777

■ 15, 3.123, 335.777

■ 5, 3.123, 335.777

■ 0, 3.123, 335.777

■ 75, 3.123, 335.777

■ 75, 3.123, 335.777

70, 13.056,
336.580

80, 6.613, 155.273

65, 23.087,
337.357

85, 16.088,
154.617

60, 33.045,
338.187

91, 25.277,
154.020

56, 42.675,
339.088

95, 32.041,
154.324

52, 51.624,
340.085

95, 29.754,
158.630

49, 59.448,
341.212

95, 27.632,
163.592

46, 65.658,
342.520

95, 25.721,
169.305

44, 69.832,
344.082

95, 24.074,
175.839

42, 71.770,

96, 22.752,
183.206

345.989

Harmonies

Complementary

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



75, 3.123, 335.777



76, 3.102, 155.561

Rectangle

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



75, 3.123, 335.777



75, 3.123, 25.777



75, 3.123, 155.777



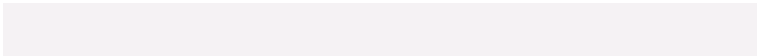
75, 3.123, 205.777

Sweetspot

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



75, 3.121, 335.784



96, 1.217, 335.409



75, 3.339, 303.200



51, 0.692, 335.388



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 3.121, 335.784



94, 4.857, 335.869



75, 2.309, 5.886



39, 2.786, 335.923



35, 63.417, 347.123



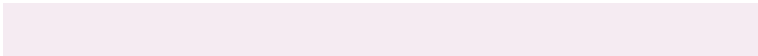
3, 15.638, 341.746

Inverse Universe

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



75, 3.121, 335.784



94, 4.857, 335.869



76, 2.272, 185.776



39, 2.786, 335.923



35, 63.417, 347.123



3, 15.638, 341.746

Previews

White Background



This preview shows how the CIELCh color 75, 3.123, 335.777 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 75, 3.123, 335.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

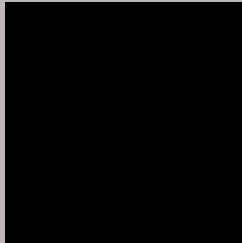
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

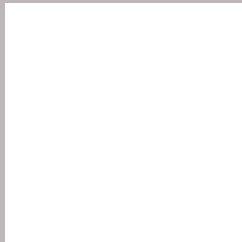
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.123, 335.777

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.123, 335.777.

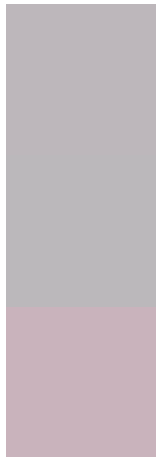


This preview shows how white text looks on a background with the CIELCh color 75, 3.123, 335.777.

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, 3.123, 335.777

Protanopia

75, 1.981, 324.405

Deuteranopia

75, 9.574, 349.806



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color

75, 3.123, 335.777

Protanomaly

75, 2.213, 332.336

Deuteranomaly

75, 7.695, 345.947

Tritanomaly

75, 6.664, 316.800

Monochromacy



Original Color

75, 3.123, 335.777

Achromatopsia

75, 0.009, 296.813

Achromatomaly

75, 1.324, 324.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.123, 335.777 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, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 183, 187)  
}
```

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, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 183, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.123, 335.777 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, 183, 187) }
```

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

```
.border{ border-color:rgb(189, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 183,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.123, 335.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 183, 187) }
```

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

```
.background{ background-color: rgb(189,  
183, 187) }
```

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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