

Converting Colors

CIELCh(75, 2.309, 26.727)

Have a look what the booklet for
CIELCh(75, 2.309, 26.727) contains.

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Color

CIELCh(75, 2.243, 19.359)

Conversions

Conversions Part 1

Format	Color
Hex	BDB7B7
RGB	189, 183, 183
RGB Percent	74%, 72%, 72%
CMY	0.2576, 0.2812, 0.2812
CMYK	0.00, 0.03, 0.03, 0.26
HSL	0°, 4%, 73%
HSV	0°, 3%, 74%
XYZ	46.6336, 48.2781, 51.8229
YIQ	184.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

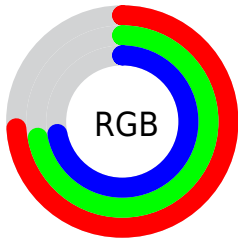
Format	Color
R _Y B	189, 183, 183
Decimal	12433335
CIE Lab	75.00, 2.12, 0.74
CIE LCh	75, 2.243, 19.359
Yxy	48.2781, 0.3178, 0.3290
Android (android.graphics.Color)	4290623415 (0xFFBDB7B7)
YUV	184.7940, -0.8844, 3.6887
Hunter-Lab	69.4824, -1.7928, 4.4168

Details

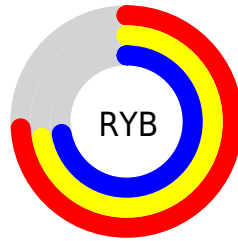
The CIELCh color `75, 2.243, 19.359` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 2.197, 199.518`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 2.131, 19.252`, and `55, 2.393, 19.490` is the 20% darker color. If you saturate the color by 10%, you get `70, 9.682, 20.265`, and if you desaturate by 10%, it is `80, 4.641, 199.222`.

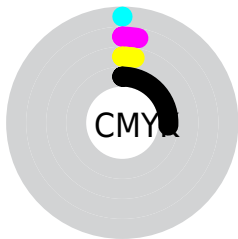
Distribution



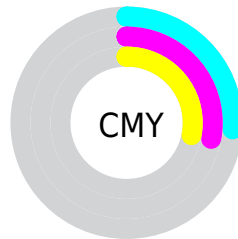
- Red (74%)
- Green (72%)
- Blue (72%)



- Red (74%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (26%)



- Cyan (26%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 2.243, 19.359 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, 2.243, 19.359 by changing the saturation by 10% instead.

■ 75, 2.243, 19.359

■ 75, 2.243, 19.359

■ 100, 2.243, 19.359

■ 65, 2.243, 19.359

■ 95, 2.243, 19.359

■ 55, 2.243, 19.359

■ 45, 2.243, 19.359

■ 35, 2.243, 19.359

■ 25, 2.243, 19.359

■ 15, 2.243, 19.359

■ 5, 2.243, 19.359

■ 0, 2.243, 19.359

■ 75, 2.243, 19.359

■ 75, 2.243, 19.359

70, 9.682, 20.265

80, 4.641, 199.222

64, 17.708, 21.168

86, 11.012,
198.735

59, 26.312, 22.320

91, 16.924,
198.382

55, 35.432, 23.818

50, 44.925, 25.769

96, 21.306,
198.105

47, 54.556, 28.277

43, 63.995, 31.379

41, 72.751, 34.902

40, 79.826, 38.163

Harmonies

Complementary

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



75, 2.243, 19.359



76, 2.197, 199.518

Rectangle

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



75, 2.243, 19.359



75, 2.243, 69.359



75, 2.243, 199.359



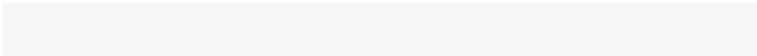
75, 2.243, 249.359

Sweetspot

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



75, 2.242, 19.404



97, 0.872, 18.772



75, 3.952, 324.551



52, 0.500, 18.730



99, 0.012, 296.813



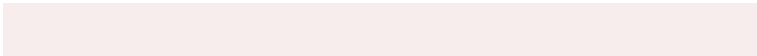
52, 0.007, 296.813

Same Dimension

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



75, 2.242, 19.404



95, 3.526, 19.511



76, 1.948, 74.859



39, 2.010, 19.573



32, 72.795, 39.672



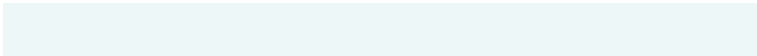
3, 12.247, 19.437

Inverse Universe

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



76, 2.197, 199.518



97, 3.438, 199.417



75, 1.947, 255.986



40, 1.952, 199.360



59, 35.032, 196.470



9, 11.654, 196.805

Previews

White Background



This preview shows how the CIELCh color 75, 2.243, 19.359 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, 2.243, 19.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

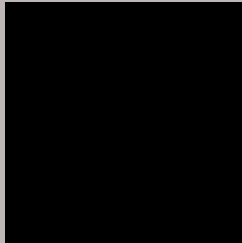
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

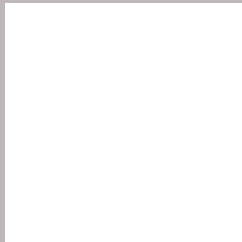
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 2.243, 19.359

Background



This preview shows how black text looks on a background with the CIELCh color 75, 2.243, 19.359.

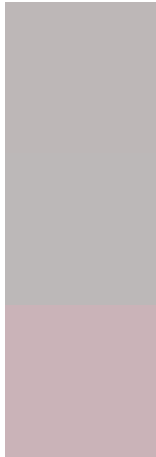


This preview shows how white text looks on a background with the CIELCh color 75, 2.243, 19.359.

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, 2.243, 19.359

Protanopia

75, 1.491, 19.179

Deuteranopia

75, 9.096, 2.966



Tritanopia
75, 8.935, 314.965

Trichromacy



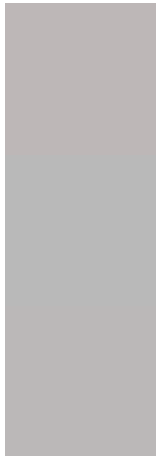
Original Color
75, 2.243, 19.359

Protanomaly
75, 1.491, 19.179

Deuteranomaly
75, 6.238, 4.871

Tritanomaly
75, 5.719, 321.585

Monochromacy



Original Color
75, 2.243, 19.359

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.117, 19.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 2.243, 19.359 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, 183)` looks like.

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

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, 183) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 2.243, 19.359 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, 183) }
```

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

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

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, 183)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 2.243, 19.359 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, 183) }
```

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

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

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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