

Converting Colors

CIELCh(75, 1.319, 48.992)

Have a look what the booklet for
CIELCh(75, 1.319, 48.992) contains.

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Color

CIELCh(75, 1.233, 44.918)

Conversions

Conversions Part 1

Format	Color
Hex	BBB8B7
RGB	187, 184, 183
RGB Percent	73%, 72%, 72%
CMY	0.2666, 0.2783, 0.2823
CMYK	0.00, 0.02, 0.02, 0.27
HSL	15°, 3%, 73%
HSV	15°, 2%, 73%
XYZ	46.1940, 48.2781, 51.6964
YIQ	184.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

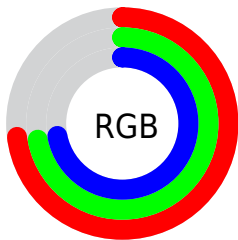
Format	Color
RYB	187, 184, 183
Decimal	12302519
CIELab	75.00, 0.87, 0.87
CIELCh	75, 1.233, 44.918
Yxy	48.2781, 0.3160, 0.3303
Android (android.graphics.Color)	4290492599 (0xFFBBB8B7)
YUV	184.7830, -0.8790, 1.9443
Hunter-Lab	69.4824, -2.9222, 4.5247

Details

The CIELCh color `75, 1.233, 44.918` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 1.223, 226.022`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 1.171, 44.824`, and `55, 1.316, 44.993` is the 20% darker color. If you saturate the color by 10%, you get `71, 7.287, 44.944`, and if you desaturate by 10%, it is `79, 4.380, 226.006`.

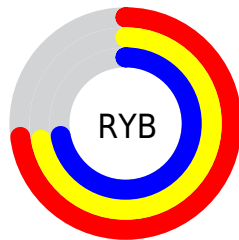
Distribution



Red (73%)

Green (72%)

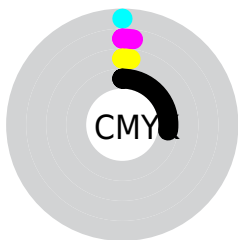
Blue (72%)



Red (73%)

Yellow (72%)

Blue (72%)

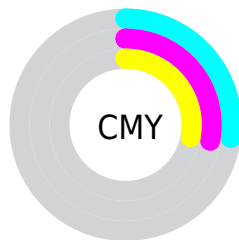


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.233, 44.918 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, 1.233, 44.918 by changing the saturation by 10% instead.

 75, 1.233, 44.918  75, 1.233, 44.918

 100, 1.233, 44.918  65, 1.233, 44.918

 95, 1.233, 44.918  55, 1.233, 44.918

 45, 1.233, 44.918

 35, 1.233, 44.918

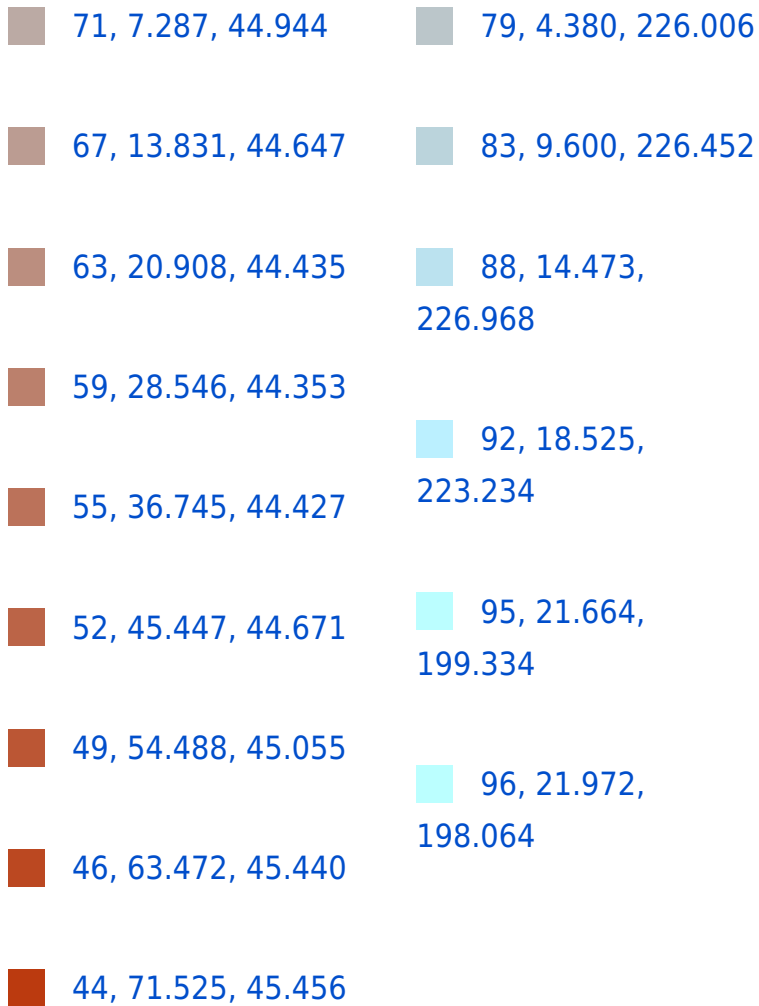
 25, 1.233, 44.918

 15, 1.233, 44.918

 5, 1.233, 44.918

 0, 1.233, 44.918

 75, 1.233, 44.918  75, 1.233, 44.918



Harmonies

Complementary

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



75, 1.233, 44.918



75, 1.223, 226.022

Rectangle

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



75, 1.233, 44.918



75, 1.233, 94.918



75, 1.233, 224.918



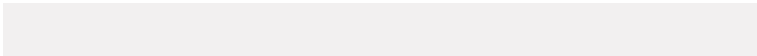
75, 1.233, 274.918

Sweetspot

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



75, 1.233, 45.016



95, 0.706, 44.611



75, 2.215, 332.337



51, 0.405, 44.567



98, 0.011, 296.813



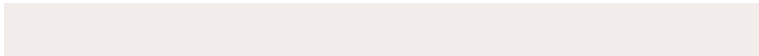
51, 0.007, 296.813

Same Dimension

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



75, 1.233, 45.016



94, 2.143, 45.099



76, 1.643, 96.878



39, 1.326, 45.122



36, 67.531, 45.625



4, 10.546, 36.467

Inverse Universe

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



75, 1.223, 226.022



95, 2.113, 225.946



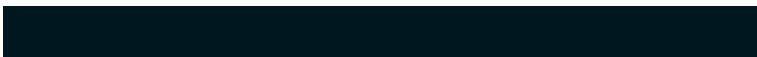
75, 1.663, 277.586



39, 1.301, 225.927



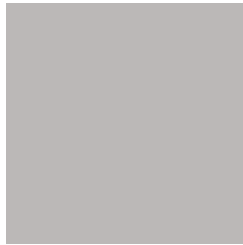
46, 31.932, 245.803



6, 9.490, 237.444

Previews

White Background



This preview shows how the CIELCh color 75, 1.233, 44.918 looks on a white background.

Color Contrast Check

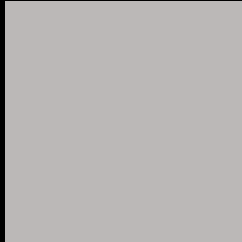
Large Text (above 18pt) WCAG AA × Fail

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, 1.233, 44.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

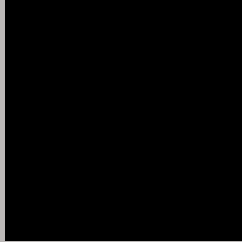
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

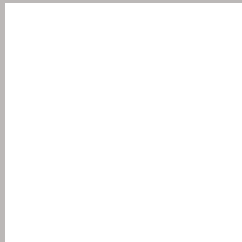
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.233, 44.918

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.233, 44.918.

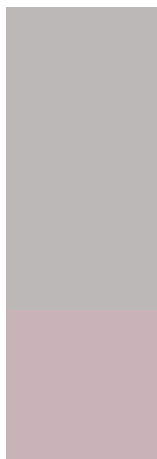


This preview shows how white text looks on a background with the CIELCh color 75, 1.233, 44.918.

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, 1.233, 44.918

Protanopia

75, 1.580, 39.095

Deuteranopia

75, 9.096, 2.966



Tritanopia
75, 8.020, 309.368

Trichromacy



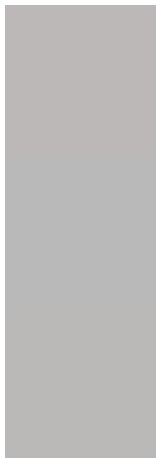
Original Color
75, 1.233, 44.918

Protanomaly
75, 1.580, 39.095

Deuteranomaly
75, 6.238, 4.871

Tritanomaly
75, 4.722, 313.450

Monochromacy



Original Color
75, 1.233, 44.918

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 0.644, 74.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.233, 44.918 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(187, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 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(187, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 1.233, 44.918 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(187, 184, 183) }
```

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

```
.border{ border-color:rgb(187, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 1.233, 44.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 183) }
```

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

```
.background{ background-color: rgb(187,  
184, 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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