

Converting Colors

CIELCh(75, 10.666, 97.513)

Have a look what the booklet for
CIELCh(75, 10.666, 97.513) contains.

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Color

CIELCh(75, 10.908, 98.903)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9A5
RGB	190, 185, 165
RGB Percent	75%, 73%, 65%
CMY	0.2555, 0.2751, 0.3535
CMYK	0.00, 0.03, 0.13, 0.26
HSL	48°, 16%, 70%
HSV	48°, 13%, 74%
XYZ	45.2970, 48.2781, 42.4618
YIQ	184.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

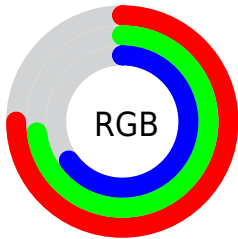
Format	Color
RYB	171, 190, 165
Decimal	12499365
CIELab	75.00, -1.69, 10.78
CIELCh	75, 10.908, 98.903
Yxy	48.2781, 0.3330, 0.3549
Android (android.graphics.Color)	4290689445 (0xFFBEB9A5)
YUV	184.2150, -9.4730, 5.0734
Hunter-Lab	69.4824, -5.2266, 12.4046

Details

The CIELCh color **75, 10.908, 98.903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 11.071, 282.032**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.882, 99.645**, and **55, 11.045, 97.934** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.262, 97.749**, and if you desaturate by 10%, it is **76, 2.605, 100.004**.

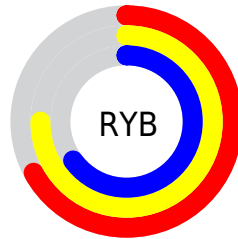
Distribution



Red (75%)

Green (73%)

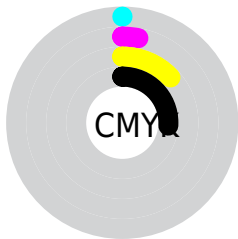
Blue (65%)



Red (67%)

Yellow (75%)

Blue (65%)

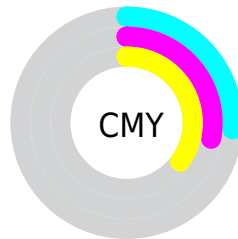


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 10.908, 98.903 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, 10.908, 98.903 by changing the saturation by 10% instead.

■ 75, 10.908, 98.903

■ 75, 10.908, 98.903

■ 100, 10.908,
98.903

■ 65, 10.908, 98.903

■ 95, 10.908, 98.903

■ 55, 10.908, 98.903

■ 45, 10.908, 98.903

■ 35, 10.908, 98.903

■ 25, 10.908, 98.903

■ 15, 10.908, 98.903

■ 5, 10.908, 98.903

■ 0, 10.908, 98.903

■ 75, 10.908, 98.903

■ 75, 10.908, 98.903

74, 19.262, 97.749

76, 2.605, 100.004

72, 27.620, 96.553

78, 5.628, 281.184

71, 35.903, 95.336

79, 13.777,
282.220

70, 43.972, 94.103

81, 21.840,
283.221

68, 51.588, 92.856

67, 58.365, 91.590

83, 27.330,
283.082

66, 63.749, 90.280

83, 25.486,
279.386

65, 67.116, 88.872

64, 68.446, 87.854

84, 23.761,
275.162

85, 22.183,
270.339

86, 20.781,
264.858

Harmonies

Complementary

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



75, 10.908, 98.903



70, 11.071, 282.032

Rectangle

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



75, 10.908, 98.903



75, 10.908, 148.903



75, 10.908, 278.903



75, 10.908, 328.903

Sweetspot

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



75, 10.909, 98.913



97, 4.086, 99.916



70, 9.984, 4.461



52, 2.930, 99.838



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, 10.909, 98.913



94, 16.457, 98.557



76, 13.708, 121.057



39, 4.664, 99.344



54, 59.849, 88.091



9, 12.950, 93.690

Inverse Universe

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



70, 11.071, 282.032



87, 16.753, 282.457



69, 14.057, 302.594



37, 4.718, 281.539



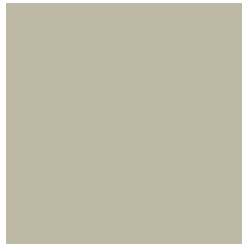
22, 81.048, 302.131



2, 14.977, 284.291

Previews

White Background



This preview shows how the CIELCh color 75, 10.908, 98.903 looks on a white background.

Color Contrast Check

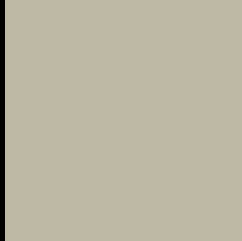
Large Text (above 18pt) WCAG AA × Fail

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, 10.908, 98.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

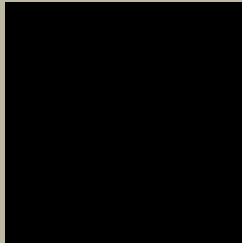
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

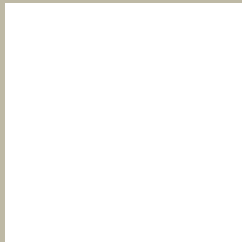
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.908, 98.903

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.908, 98.903.



This preview shows how white text looks on a background with the CIELCh color 75, 10.908, 98.903.

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, 10.908, 98.903

Protanopia

75, 11.299, 91.053

Deuteranopia

75, 13.850, 47.860



Tritanopia
75, 8.984, 322.842

Trichromacy



Original Color
75, 10.908, 98.903

Protanomaly
75, 11.184, 92.966

Deuteranomaly
75, 11.467, 60.774

Tritanomaly
75, 3.905, 3.594

Monochromacy



Original Color
75, 10.908, 98.903

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.832, 98.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.908, 98.903 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(190, 185, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 165)  
}
```

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(190, 185, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.908, 98.903 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(190, 185, 165) }
```

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

```
.border{ border-color:rgb(190, 185, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.908, 98.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 165) }
```

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

```
.background{ background-color: rgb(190,  
185, 165) }
```

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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