

Converting Colors

CIELCh(75, 7.044, 87.212)

Have a look what the booklet for
CIELCh(75, 7.044, 87.212) contains.

CIELCh(75, 6.973, 86.939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 6.973, 86.939)

Conversions

Conversions Part 1

Format	Color
Hex	BFB8AC
RGB	191, 184, 172
RGB Percent	75%, 72%, 67%
CMY	0.2514, 0.2788, 0.3259
CMYK	0.00, 0.04, 0.10, 0.25
HSL	38°, 13%, 71%
HSV	38°, 10%, 75%
XYZ	46.0177, 48.2781, 45.8739
YIQ	184.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

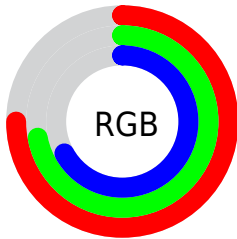
Format	Color
RYB	183, 191, 172
Decimal	12564652
CIELab	75.00, 0.37, 6.96
CIELCh	75, 6.973, 86.939
Yxy	48.2781, 0.3283, 0.3444
Android (android.graphics.Color)	4290754732 (0xFFBFB8AC)
YUV	184.7250, -6.2734, 5.5032
Hunter-Lab	69.4824, -3.3751, 9.4931

Details

The CIELCh color $75, 6.973, 86.939$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 6.943, 269.584$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.102, 88.712$, and $55, 6.911, 84.791$ is the 20% darker color. If you saturate the color by 10%, you get $73, 14.171, 85.683$, and if you desaturate by 10%, it is $77, 0.042, 274.323$.

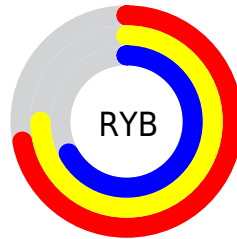
Distribution



Red (75%)

Green (72%)

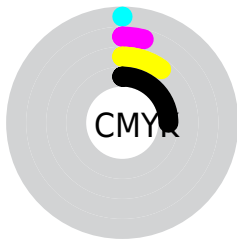
Blue (67%)



Red (72%)

Yellow (75%)

Blue (67%)

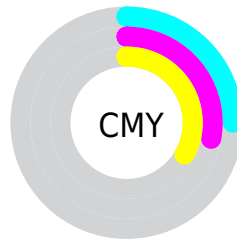


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.973, 86.939 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, 6.973, 86.939 by changing the saturation by 10% instead.

 75, 6.973, 86.939

 75, 6.973, 86.939

 100, 6.973, 86.939

 65, 6.973, 86.939

 95, 6.973, 86.939

 55, 6.973, 86.939

 45, 6.973, 86.939

 35, 6.973, 86.939

 25, 6.973, 86.939

 15, 6.973, 86.939

 5, 6.973, 86.939

 0, 6.973, 86.939

 75, 6.973, 86.939

 75, 6.973, 86.939

73, 14.171, 85.683

77, 0.042, 274.323

71, 21.545, 84.357

80, 6.884, 269.479

68, 29.073, 82.991

82, 13.564,
270.611

66, 36.691, 81.582

84, 20.093,
271.704

64, 44.267, 80.118

62, 51.544, 78.560

86, 20.633,
265.604

60, 58.058, 76.827

88, 18.576,
253.608

58, 63.099, 74.762

57, 66.372, 72.289

90, 17.476,
239.551

92, 17.488,
224.735

94, 18.583,
210.932

Harmonies

Complementary

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



75, 6.973, 86.939



73, 6.943, 269.584

Rectangle

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



75, 6.973, 86.939



75, 6.973, 136.939



75, 6.973, 266.939



75, 6.973, 316.939

Sweetspot

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



75, 6.974, 86.956



96, 2.565, 87.737



72, 8.207, 351.309



52, 1.964, 87.662



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, 6.974, 86.956



94, 10.411, 86.677



77, 10.197, 113.983



39, 3.931, 87.030



47, 57.727, 72.763



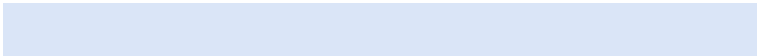
7, 10.722, 75.128

Inverse Universe

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



73, 6.943, 269.584



91, 10.344, 269.901



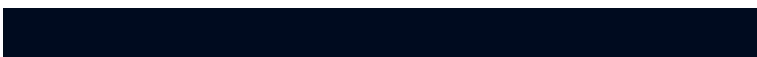
71, 10.430, 295.587



37, 3.916, 269.500



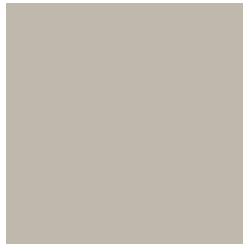
28, 63.805, 294.057



3, 13.077, 277.097

Previews

White Background



This preview shows how the CIELCh color 75, 6.973, 86.939 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, 6.973, 86.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

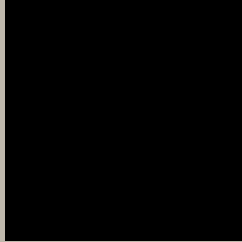
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

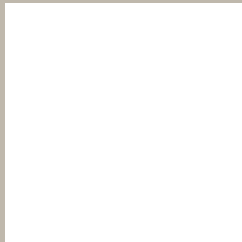
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.973, 86.939

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.973, 86.939.

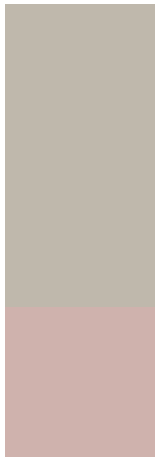


This preview shows how white text looks on a background with the CIELCh color 75, 6.973, 86.939.

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, 6.973, 86.939

Protanopia

75, 6.973, 86.939

Deuteranopia

75, 11.566, 33.641



Tritanopia
75, 8.984, 322.842

Trichromacy



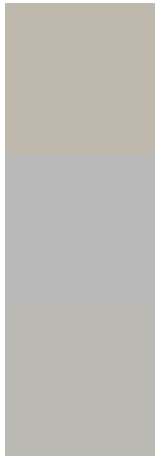
Original Color
75, 6.973, 86.939

Protanomaly
75, 6.973, 86.939

Deuteranomaly
75, 8.936, 44.792

Tritanomaly
75, 4.927, 346.576

Monochromacy



Original Color
75, 6.973, 86.939

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.779, 94.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.973, 86.939 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, 184, 172)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 172)  
}
```

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, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.973, 86.939 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, 184, 172) }
```

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

```
.border{ border-color:rgb(191, 184, 172) }
```

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

Here you see how a box with a 4 pixel rgb(191, 184, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 172);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.973, 86.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 172) }
```

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

```
.background{ background-color: rgb(191,  
184, 172) }
```

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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