

Converting Colors

CIELCh(73, 8.692, 86.264)

Have a look what the booklet for
CIELCh(73, 8.692, 86.264) contains.

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Color

CIELCh(73, 8.825, 86.009)

Conversions

Conversions Part 1

Format	Color
Hex	BBB2A3
RGB	187, 178, 163
RGB Percent	73%, 70%, 64%
CMY	0.2659, 0.3011, 0.3600
CMYK	0.00, 0.05, 0.13, 0.27
HSL	38°, 15%, 69%
HSV	38°, 13%, 73%
XYZ	43.1339, 45.1644, 41.1886
YIQ	178.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

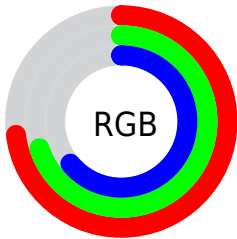
Format	Color
RYB	177, 187, 163
Decimal	12300963
CIELab	73.00, 0.61, 8.80
CIELCh	73, 8.825, 86.009
Yxy	45.1644, 0.3331, 0.3488
Android (android.graphics.Color)	4290491043 (0xFFBBB2A3)
YUV	178.9810, -7.8786, 7.0327
Hunter-Lab	67.2044, -3.0409, 10.7051

Details

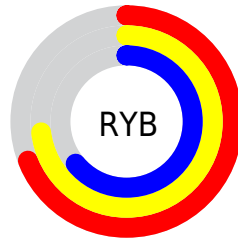
The CIELCh color $73, 8.825, 86.009$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 8.754, 269.421$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 8.846, 87.600$, and $53, 8.911, 84.067$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.924, 84.732$, and if you desaturate by 10%, it is $75, 1.911, 87.178$.

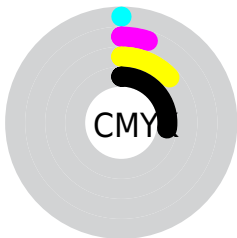
Distribution



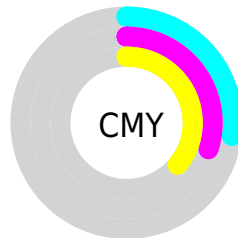
- Red (73%)
- Green (70%)
- Blue (64%)



- Red (69%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (27%)




- Cyan (27%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.825, 86.009 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 73, 8.825, 86.009 by changing the saturation by 10% instead.

 73, 8.825, 86.009  73, 8.825, 86.009

 100, 8.825, 86.009  63, 8.825, 86.009

 93, 8.825, 86.009  53, 8.825, 86.009

 43, 8.825, 86.009

 33, 8.825, 86.009

 23, 8.825, 86.009

 13, 8.825, 86.009

 3, 8.825, 86.009

 0, 8.825, 86.009

 73, 8.825, 86.009

 73, 8.825, 86.009

71, 15.924, 84.732

75, 1.911, 87.178

69, 23.199, 83.395

78, 4.825, 268.582

66, 30.622, 82.018

80, 11.395,
269.718

64, 38.116, 80.597

82, 17.810,
270.825

62, 45.528, 79.113

60, 52.560, 77.517

85, 23.213,
270.922

58, 58.691, 75.707

87, 20.720,
260.797

57, 63.172, 73.498

55, 65.456, 71.701

88, 19.010,
248.538

90, 18.280,
234.751

92, 18.617,
220.793

Harmonies

Complementary

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



73, 8.825, 86.009



70, 8.754, 269.421

Rectangle

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



73, 8.825, 86.009



73, 8.825, 136.009



73, 8.825, 266.009



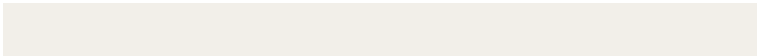
73, 8.825, 316.009

Sweetspot

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



73, 8.826, 86.022



94, 3.349, 87.065



69, 10.456, 351.602



51, 2.403, 86.986



98, 0.011, 296.813



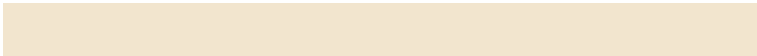
51, 0.007, 296.813

Same Dimension

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



73, 8.826, 86.022



91, 12.772, 85.716



75, 12.926, 113.758



39, 3.907, 86.453



47, 57.747, 72.147



7, 10.668, 74.336

Inverse Universe

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



70, 8.754, 269.421



87, 12.640, 269.784



68, 13.300, 295.848



37, 3.888, 268.930



28, 63.085, 293.628



3, 13.002, 276.748

Previews

White Background



This preview shows how the CIELCh color 73, 8.825, 86.009 looks on a white background.

Color Contrast Check

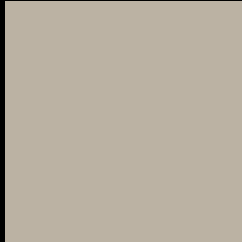
Large Text (above 18pt) WCAG AA × Fail

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 73, 8.825, 86.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

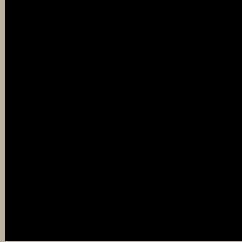
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

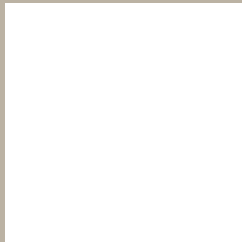
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 8.825, 86.009

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.825, 86.009.

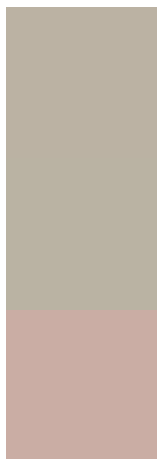


This preview shows how white text looks on a background with the CIELCh color 73, 8.825, 86.009.

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


73, 8.825, 86.009

Protanopia

73, 9.053, 91.847

Deuteranopia

73, 12.426, 43.178



Tritanopia
73, 9.259, 330.574

Trichromacy



Original Color
73, 8.825, 86.009

Protanomaly
73, 9.053, 91.847

Deuteranomaly
73, 10.487, 54.363

Tritanomaly
73, 5.537, 2.759

Monochromacy



Original Color
73, 8.825, 86.009

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.425, 90.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.825, 86.009 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, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 163)  
}
```

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, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.825, 86.009 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, 178, 163) }
```

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

```
.border{ border-color:rgb(187, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.825, 86.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 178, 163) }
```

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

```
.background{ background-color: rgb(187,  
178, 163) }
```

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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