

Converting Colors

CIELCh(73, 6.593, 79.299)

Have a look what the booklet for
CIELCh(73, 6.593, 79.299) contains.

CIELCh(73, 6.874, 79.254)	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(73, 6.874, 79.254)

Conversions

Conversions Part 1

Format	Color
Hex	BBB2A7
RGB	187, 178, 167
RGB Percent	73%, 70%, 65%
CMY	0.2669, 0.3022, 0.3453
CMYK	0.00, 0.05, 0.11, 0.27
HSL	33°, 13%, 69%
HSV	33°, 11%, 73%
XYZ	43.3591, 45.1644, 42.9650
YIQ	179.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

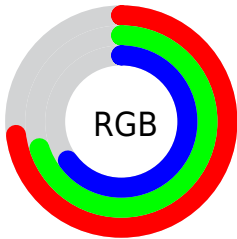
Format	Color
RYB	183, 187, 167
Decimal	12300967
CIELab	73.00, 1.28, 6.75
CIELCh	73, 6.874, 79.254
Yxy	45.1644, 0.3298, 0.3435
Android (android.graphics.Color)	4290491047 (0xFFBBB2A7)
YUV	179.4370, -6.1314, 6.6328
Hunter-Lab	67.2044, -2.4428, 9.1380

Details

The CIELCh color $73, 6.874, 79.254$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 6.758, 262.123$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.967, 81.588$, and $53, 6.866, 76.471$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.561, 78.012$, and if you desaturate by 10%, it is $76, 0.433, 79.845$.

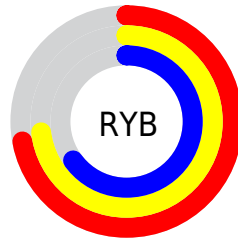
Distribution



Red (73%)

Green (70%)

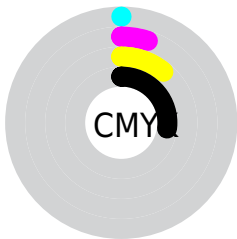
Blue (65%)



Red (72%)

Yellow (73%)

Blue (65%)

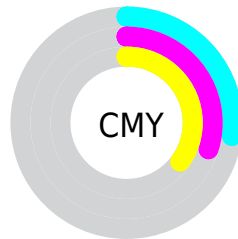


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.874, 79.254 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, 6.874, 79.254 by changing the saturation by 10% instead.

 73, 6.874, 79.254

 73, 6.874, 79.254

 100, 6.874, 79.254

 63, 6.874, 79.254

 93, 6.874, 79.254

 53, 6.874, 79.254

 43, 6.874, 79.254

 33, 6.874, 79.254

 23, 6.874, 79.254

 13, 6.874, 79.254

 3, 6.874, 79.254

 0, 6.874, 79.254

 73, 6.874, 79.254

 73, 6.874, 79.254

70, 13.561, 78.012

76, 0.433, 79.845

68, 20.504, 76.708

78, 5.782, 261.830

65, 27.697, 75.375

81, 11.792,
262.969

63, 35.102, 74.012

84, 17.616,
264.080

60, 42.619, 72.600

58, 50.025, 71.092

86, 20.856,
261.111

56, 56.891, 69.379

89, 18.885,
246.326

54, 62.491, 67.245

52, 66.321, 64.848

91, 18.344,
229.659

93, 19.309,
213.537

95, 21.538,
199.975

Harmonies

Complementary

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



73, 6.874, 79.254



71, 6.758, 262.123

Rectangle

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



73, 6.874, 79.254



73, 6.874, 129.254



73, 6.874, 259.254



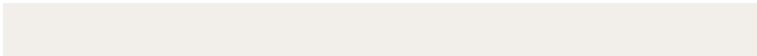
73, 6.874, 309.254

Sweetspot

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



73, 6.875, 79.272



95, 2.340, 80.114



70, 9.045, 347.325



51, 1.792, 80.047



98, 0.011, 296.813



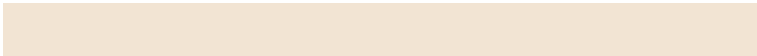
51, 0.007, 296.813

Same Dimension

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



73, 6.875, 79.272



91, 10.363, 78.961



75, 10.739, 111.207



39, 3.660, 79.434



44, 58.495, 65.350



6, 10.218, 65.412

Inverse Universe

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



71, 6.758, 262.123



89, 10.135, 262.487



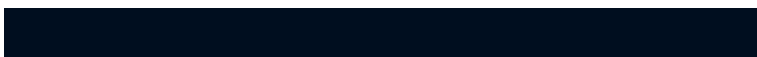
69, 11.005, 293.158



38, 3.608, 261.937



32, 55.061, 288.067



4, 12.136, 272.205

Previews

White Background



This preview shows how the CIELCh color 73, 6.874, 79.254 looks on a white background.

Color Contrast Check

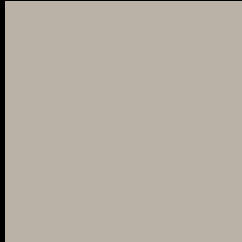
Large Text (above 18pt) WCAG AA × Fail

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, 6.874, 79.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

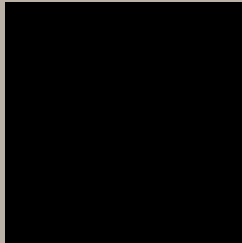
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

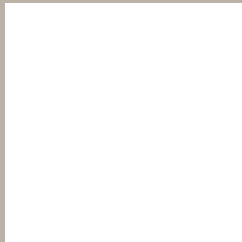
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.874, 79.254

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.874, 79.254.

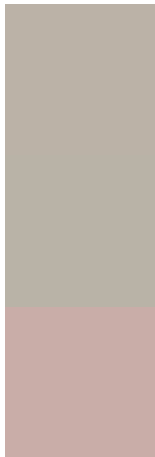


This preview shows how white text looks on a background with the CIELCh color 73, 6.874, 79.254.

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, 6.874, 79.254

Protanopia

73, 6.872, 89.897

Deuteranopia

73, 11.249, 34.091



Tritanopia
73, 9.025, 328.737

Trichromacy



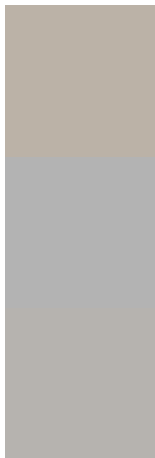
Original Color
73, 6.874, 79.254

Protanomaly
73, 7.010, 86.908

Deuteranomaly
73, 8.990, 44.782

Tritanomaly
73, 5.366, 355.982

Monochromacy



Original Color
73, 6.874, 79.254

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.427, 82.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.874, 79.254 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 178, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 178, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.874, 79.254 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, 167) }
```

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

```
.border{ border-color:rgb(187, 178, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 178,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.874, 79.254 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, 167) }
```

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

```
.background{ background-color: rgb(187,  
178, 167) }
```

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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