

Converting Colors

CIELCh(73, 8.030, 43.678)

Have a look what the booklet for
CIELCh(73, 8.030, 43.678) contains.

CIELCh(73, 8.030, 43.678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 8.030, 43.678)

Conversions

Conversions Part 1

Format	Color
Hex	C2AFA9
RGB	194, 175, 169
RGB Percent	76%, 69%, 66%
CMY	0.2380, 0.3125, 0.3361
CMYK	0.00, 0.10, 0.13, 0.24
HSL	14°, 17%, 71%
HSV	14°, 13%, 76%
XYZ	44.9067, 45.1644, 44.0351
YIQ	179.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

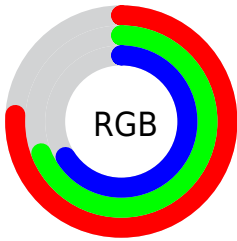
Format	Color
RYB	194, 177, 169
Decimal	12758953
CIELab	73.00, 5.81, 5.55
CIELCh	73, 8.030, 43.678
Yxy	45.1644, 0.3349, 0.3368
Android (android.graphics.Color)	4290949033 (0xFFC2AFA9)
YUV	179.9970, -5.4215, 12.2806
Hunter-Lab	67.2044, 1.6676, 8.1939

Details

The CIELCh color $73, 8.030, 43.678$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 7.427, 224.941$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 8.138, 45.965$, and $53, 7.879, 45.969$ is the 20% darker color. If you saturate the color by 10%, you get $69, 14.856, 43.457$, and if you desaturate by 10%, it is $77, 1.720, 43.812$.

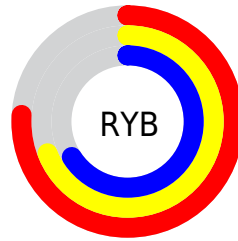
Distribution



Red (76%)

Green (69%)

Blue (66%)



Red (76%)

Yellow (69%)

Blue (66%)

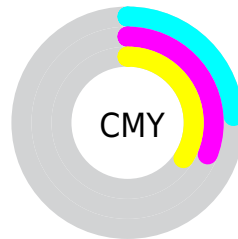


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.030, 43.678 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, 8.030, 43.678 by changing the saturation by 10% instead.

 73, 8.030, 43.678

 73, 8.030, 43.678

 100, 8.030, 43.678

 63, 8.030, 43.678

 93, 8.030, 43.678

 53, 8.030, 43.678

 43, 8.030, 43.678

 33, 8.030, 43.678

 23, 8.030, 43.678

 13, 8.030, 43.678

 3, 8.030, 43.678

 0, 8.030, 43.678

 73, 8.030, 43.678

 73, 8.030, 43.678

69, 14.856, 43.457

77, 1.720, 43.812

65, 22.243, 43.316

82, 4.123, 224.659

61, 30.217, 43.315

86, 9.549, 225.052

57, 38.773, 43.484

90, 14.609,
225.526

53, 47.842, 43.836

95, 18.052,
208.018

50, 57.236, 44.335

47, 66.512, 44.831

96, 19.820,
198.199

45, 74.691, 44.910

44, 79.538, 44.773

Harmonies

Complementary

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



73, 8.030, 43.678



75, 7.427, 224.941

Rectangle

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



73, 8.030, 43.678



73, 8.030, 93.678



73, 8.030, 223.678



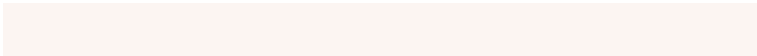
73, 8.030, 273.678

Sweetspot

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



73, 8.029, 43.694



97, 2.979, 43.856



72, 14.005, 332.523



52, 2.141, 43.861



0, 0.000, 0.000



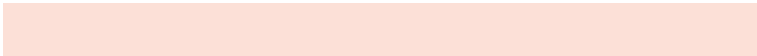
53, 0.007, 296.813

Same Dimension

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



73, 8.029, 43.694



91, 11.684, 43.633



76, 10.146, 94.544



39, 3.480, 43.785



36, 68.723, 45.170



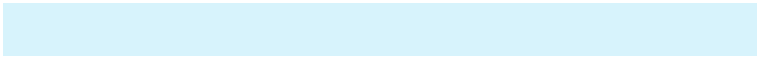
5, 12.179, 34.683

Inverse Universe

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



75, 7.427, 224.941



94, 10.641, 225.080



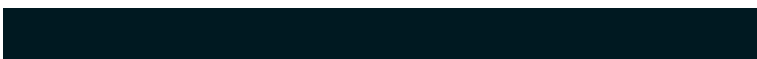
72, 10.219, 277.762



40, 3.293, 224.763



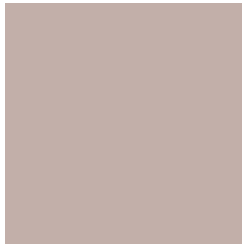
48, 31.972, 243.658



7, 10.343, 234.838

Previews

White Background



This preview shows how the CIELCh color 73, 8.030, 43.678 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, 8.030, 43.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

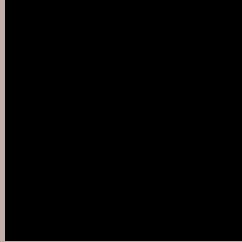
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 8.030, 43.678

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.030, 43.678.

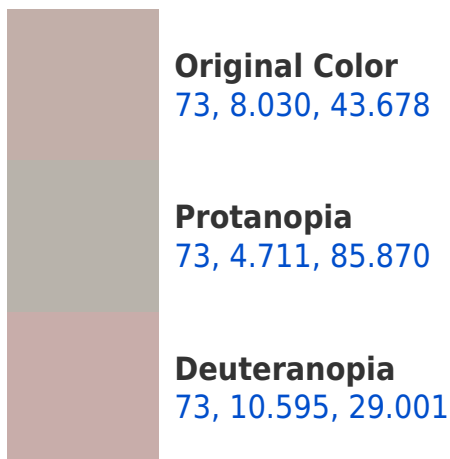



This preview shows how white text looks on a background with the CIELCh color 73, 8.030, 43.678.

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





Tritanopia
73, 11.440, 342.424

Trichromacy



Original Color
73, 8.030, 43.678

Protanomaly
73, 5.767, 68.036

Deuteranomaly
73, 9.541, 33.163

Tritanomaly
73, 8.947, 358.903

Monochromacy



Original Color
73, 8.030, 43.678

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.846, 41.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.030, 43.678 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(194, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 175, 169)  
}
```

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(194, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 175, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.030, 43.678 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(194, 175, 169) }
```

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

```
.border{ border-color:rgb(194, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 175,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.030, 43.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 175, 169) }
```

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

```
.background{ background-color: rgb(194,  
175, 169) }
```

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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