

Converting Colors

CIELCh(73, 8.419, 46.619)

Have a look what the booklet for
CIELCh(73, 8.419, 46.619) contains.

CIELCh(73, 8.632, 45.861)	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, 8.632, 45.861)

Conversions

Conversions Part 1

Format	Color
Hex	C3AFA8
RGB	195, 175, 168
RGB Percent	76%, 69%, 66%
CMY	0.2348, 0.3132, 0.3407
CMYK	0.00, 0.10, 0.14, 0.23
HSL	16°, 18%, 71%
HSV	16°, 14%, 77%
XYZ	44.9772, 45.1644, 43.4577
YIQ	180.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

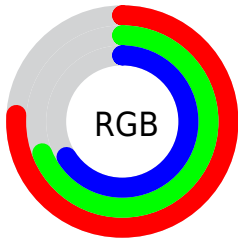
Format	Color
RYB	195, 177, 168
Decimal	12824488
CIELab	73.00, 6.01, 6.19
CIELCh	73, 8.632, 45.861
Yxy	45.1644, 0.3367, 0.3381
Android (android.graphics.Color)	4291014568 (0xFFC3AFA8)
YUV	180.1820, -6.0057, 12.9954
Hunter-Lab	67.2044, 1.8550, 8.7033

Details

The CIELCh color $73, 8.632, 45.861$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 7.951, 227.457$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 8.715, 47.883$, and $53, 8.544, 48.115$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.473, 45.544$, and if you desaturate by 10%, it is $77, 2.301, 46.153$.

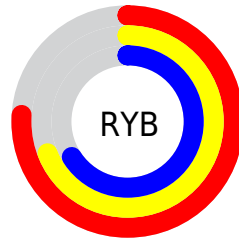
Distribution



Red (76%)

Green (69%)

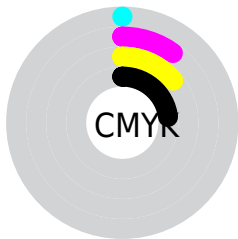
Blue (66%)



Red (76%)

Yellow (69%)

Blue (66%)

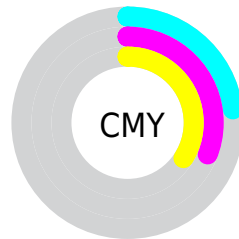


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.632, 45.861 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, 8.632, 45.861 by changing the saturation by 10% instead.

 73, 8.632, 45.861  73, 8.632, 45.861

 100, 8.632, 45.861  63, 8.632, 45.861

 93, 8.632, 45.861  53, 8.632, 45.861

 43, 8.632, 45.861

 33, 8.632, 45.861

 23, 8.632, 45.861

 13, 8.632, 45.861

 3, 8.632, 45.861

 0, 8.632, 45.861

 73, 8.632, 45.861  73, 8.632, 45.861

69, 15.473, 45.544

77, 2.301, 46.153

65, 22.870, 45.302

81, 3.568, 227.019

61, 30.847, 45.190

86, 9.025, 227.471

57, 39.396, 45.231

90, 14.119,
228.015

54, 48.446, 45.432

94, 17.395,
211.472

51, 57.792, 45.746

48, 66.955, 46.002

96, 19.573,
198.214

45, 74.898, 45.766

44, 79.056, 45.512

Harmonies

Complementary

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



73, 8.632, 45.861



75, 7.951, 227.457

Rectangle

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



73, 8.632, 45.861



73, 8.632, 95.861



73, 8.632, 225.861



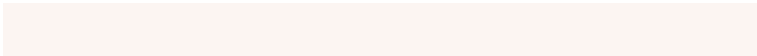
73, 8.632, 275.861

Sweetspot

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



73, 8.631, 45.877



97, 2.958, 46.155



72, 14.940, 333.221



52, 2.126, 46.153



0, 0.000, 0.000



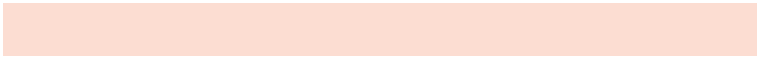
53, 0.007, 296.813

Same Dimension

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



73, 8.631, 45.877



90, 13.248, 45.756



76, 11.141, 95.584



39, 3.455, 46.035



36, 68.083, 45.946



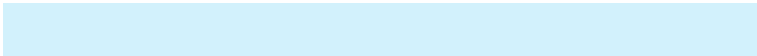
5, 12.077, 36.087

Inverse Universe

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



75, 7.951, 227.457



93, 11.935, 227.706



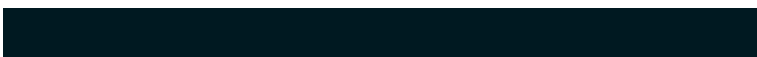
71, 11.249, 279.012



40, 3.274, 227.180



47, 32.634, 247.620



7, 10.381, 238.298

Previews

White Background



This preview shows how the CIELCh color 73, 8.632, 45.861 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 CIE LCh color 73, 8.632, 45.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

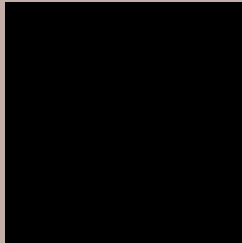
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 8.632, 45.861

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.632, 45.861.



This preview shows how white text looks on a background with the CIELCh color 73, 8.632, 45.861.

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, 8.632, 45.861

Protanopia

73, 5.364, 84.356

Deuteranopia

73, 11.106, 31.436



Tritanopia
73, 12.072, 341.531

Trichromacy



Original Color
73, 8.632, 45.861

Protanomaly
73, 6.436, 68.562

Deuteranomaly
73, 10.081, 35.628

Tritanomaly
73, 9.505, 356.736

Monochromacy



Original Color
73, 8.632, 45.861

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.202, 39.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.632, 45.861 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(195, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(195, 175, 168)  
}
```

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(195, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 175, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.632, 45.861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

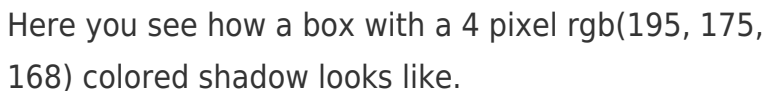
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 175, 168) }
```

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

```
.border{ border-color:rgb(195, 175, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 175, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 175, 168); box-shadow:4px 4px 4px 4px rgb(195, 175, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.632, 45.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 175, 168) }
```

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

```
.background{ background-color: rgb(195,  
175, 168) }
```

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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