

Converting Colors

CIELCh(73, 3.877, 63.172)

Have a look what the booklet for
CIELCh(73, 3.877, 63.172) contains.

CIELCh(73, 3.777, 65.110)	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, 3.777, 65.110)

Conversions

Conversions Part 1

Format	Color
Hex	B9B2AD
RGB	185, 178, 173
RGB Percent	73%, 70%, 68%
CMY	0.2746, 0.3020, 0.3216
CMYK	0.00, 0.04, 0.06, 0.27
HSL	25°, 8%, 70%
HSV	25°, 6%, 73%
XYZ	43.4633, 45.1644, 45.9553
YIQ	179.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

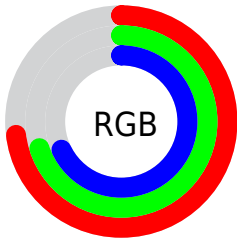
Format	Color
R _Y B	185, 182, 173
Decimal	12169901
CIE Lab	73.00, 1.59, 3.43
CIE LCh	73, 3.777, 65.110
Yxy	45.1644, 0.3229, 0.3356
Android (android.graphics.Color)	4290359981 (0xFFB9B2AD)
YUV	179.5230, -3.2158, 4.8033
Hunter-Lab	67.2044, -2.1662, 6.4998

Details

The CIELCh color $73, 3.777, 65.110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 3.696, 246.762$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.964, 70.398$, and $53, 3.654, 58.634$ is the 20% darker color. If you saturate the color by 10%, you get $70, 9.895, 64.159$, and if you desaturate by 10%, it is $76, 1.999, 246.506$.

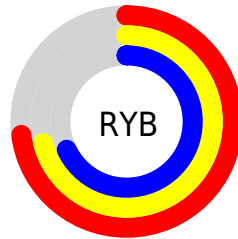
Distribution



Red (73%)

Green (70%)

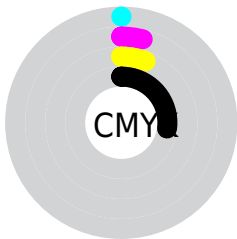
Blue (68%)



Red (73%)

Yellow (71%)

Blue (68%)

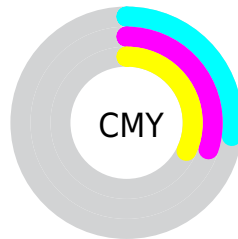


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.777, 65.110 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, 3.777, 65.110 by changing the saturation by 10% instead.

 73, 3.777, 65.110  73, 3.777, 65.110

 100, 3.777, 65.110  63, 3.777, 65.110

 93, 3.777, 65.110  53, 3.777, 65.110

 43, 3.777, 65.110

 33, 3.777, 65.110

 23, 3.777, 65.110

 13, 3.777, 65.110

 3, 3.777, 65.110

 0, 3.777, 65.110

 73, 3.777, 65.110  73, 3.777, 65.110

70, 9.895, 64.159	76, 1.999, 246.506
67, 16.388, 63.137	80, 7.470, 247.399
63, 23.284, 62.129	83, 12.671, 248.400
60, 30.592, 61.149	86, 17.634, 249.391
57, 38.282, 60.195	89, 18.918, 238.290
55, 46.250, 59.240	92, 19.414, 217.553
52, 54.233, 58.198	95, 22.061, 200.087
49, 61.674, 56.867	96, 22.562, 198.027
47, 67.671, 54.907	

Harmonies

Complementary

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



73, 3.777, 65.110



73, 3.696, 246.762

Rectangle

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



73, 3.777, 65.110



73, 3.777, 115.110



73, 3.777, 245.110



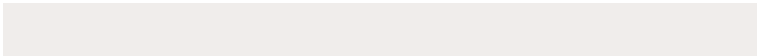
73, 3.777, 295.110

Sweetspot

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



73, 3.777, 65.143



94, 1.415, 65.370



72, 5.922, 339.848



50, 0.803, 65.362



97, 0.011, 296.813



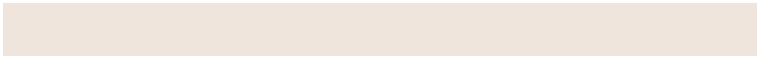
50, 0.007, 296.813

Same Dimension

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



73, 3.777, 65.143



91, 5.780, 64.992



75, 5.927, 105.926



37, 3.308, 64.877



39, 61.067, 54.816



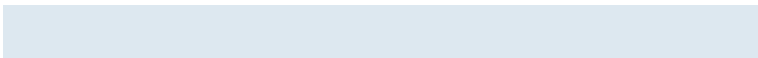
5, 8.716, 52.408

Inverse Universe

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



73, 3.696, 246.762



91, 5.616, 246.937



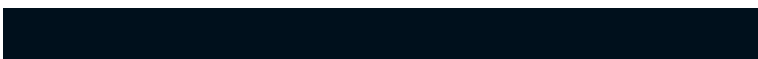
71, 6.010, 287.298



37, 3.198, 247.074



38, 41.690, 273.905



4, 9.461, 259.667

Previews

White Background



This preview shows how the CIELCh color 73, 3.777, 65.110 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, 3.777, 65.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

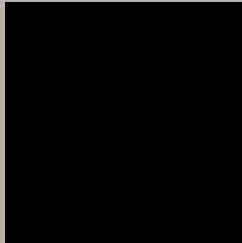
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

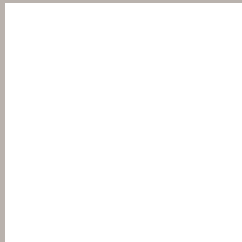
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.777, 65.110

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.777, 65.110.

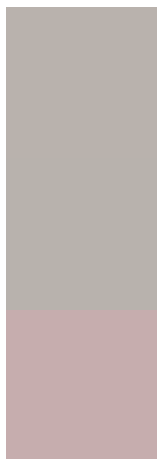


This preview shows how white text looks on a background with the CIELCh color 73, 3.777, 65.110.

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, 3.777, 65.110

Protanopia

73, 3.520, 69.556

Deuteranopia

73, 9.609, 16.972



Tritanopia
73, 8.184, 320.460

Trichromacy



Original Color
73, 3.777, 65.110

Protanomaly
73, 3.520, 69.556

Deuteranomaly
73, 6.899, 24.397

Tritanomaly
73, 4.703, 335.929

Monochromacy



Original Color
73, 3.777, 65.110

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.549, 63.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.777, 65.110 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(185, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 173)  
}
```

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(185, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.777, 65.110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

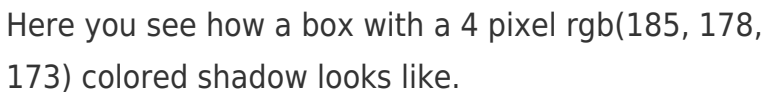
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 178, 173) }
```

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

```
.border{ border-color:rgb(185, 178, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 178, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 178, 173); box-shadow:4px 4px 4px 4px rgb(185, 178, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.777, 65.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 173) }
```

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

```
.background{ background-color: rgb(185,  
178, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor