

Converting Colors

CIELCh(73, 5.996, 67.997)

Have a look what the booklet for
CIELCh(73, 5.996, 67.997) contains.

CIELCh(73, 6.038, 65.280)	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, 6.038, 65.280)

Conversions

Conversions Part 1

Format	Color
Hex	BCB1A9
RGB	188, 177, 169
RGB Percent	74%, 69%, 66%
CMY	0.2616, 0.3047, 0.3361
CMYK	0.00, 0.06, 0.10, 0.26
HSL	25°, 12%, 70%
HSV	25°, 10%, 74%
XYZ	43.7806, 45.1644, 44.0894
YIQ	179.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

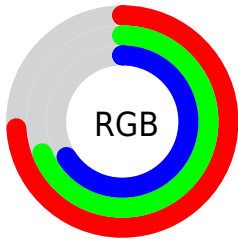
Format	Color
RYB	188, 183, 169
Decimal	12366249
CIELab	73.00, 2.52, 5.48
CIElCh	73, 6.038, 65.280
Yxy	45.1644, 0.3291, 0.3395
Android (android.graphics.Color)	4290556329 (0xFFBCB1A9)
YUV	179.3770, -5.1159, 7.5624
Hunter-Lab	67.2044, -1.3232, 8.1459

Details

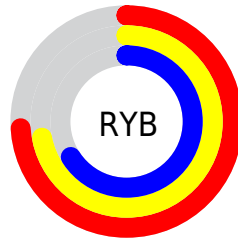
The CIELCh color $73, 6.038, 65.280$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 5.822, 247.686$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.097, 68.801$, and $53, 6.078, 61.231$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.385, 64.275$, and if you desaturate by 10%, it is $76, 0.049, 57.976$.

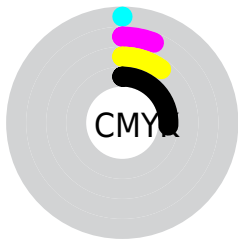
Distribution



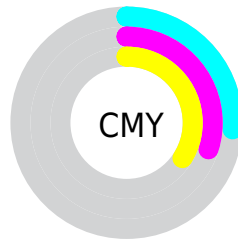
- Red (74%)
- Green (69%)
- Blue (66%)



- Red (74%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.038, 65.280 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, 6.038, 65.280 by changing the saturation by 10% instead.

 73, 6.038, 65.280  73, 6.038, 65.280

 100, 6.038, 65.280  63, 6.038, 65.280

 93, 6.038, 65.280  53, 6.038, 65.280

 43, 6.038, 65.280

 33, 6.038, 65.280

 23, 6.038, 65.280

 13, 6.038, 65.280

 3, 6.038, 65.280

 0, 6.038, 65.280

 73, 6.038, 65.280  73, 6.038, 65.280

70, 12.385, 64.275

76, 0.049, 57.976

67, 19.120, 63.240

80, 5.622, 247.564

63, 26.265, 62.223

83, 11.008,
248.569

60, 33.819, 61.234

86, 16.143,
249.575

57, 41.727, 60.261

55, 49.835, 59.261

90, 18.179,
240.577

52, 57.784, 58.114

93, 18.493,
218.635

50, 64.855, 56.556

47, 70.483, 54.528

95, 21.128,
200.104

96, 21.600,
198.087

Harmonies

Complementary

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



73, 6.038, 65.280



73, 5.822, 247.686

Rectangle

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



73, 6.038, 65.280



73, 6.038, 115.280



73, 6.038, 245.280



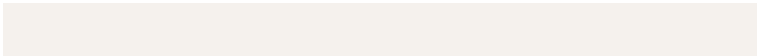
73, 6.038, 295.280

Sweetspot

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



73, 6.038, 65.301



95, 2.172, 65.890



71, 9.381, 340.153



50, 1.651, 65.853



98, 0.011, 296.813



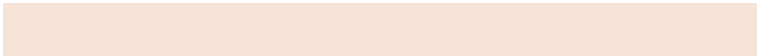
51, 0.007, 296.813

Same Dimension

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



73, 6.038, 65.301



92, 8.941, 65.090



75, 9.363, 105.561



38, 3.389, 65.375



40, 61.689, 55.061



5, 10.047, 51.199

Inverse Universe

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



73, 5.822, 247.686



91, 8.545, 247.947



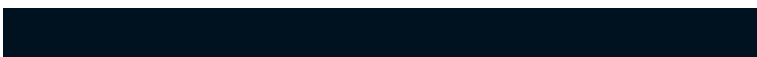
70, 9.545, 287.707



38, 3.278, 247.597



38, 42.603, 274.536



5, 10.681, 261.035

Previews

White Background



This preview shows how the CIELCh color 73, 6.038, 65.280 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, 6.038, 65.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

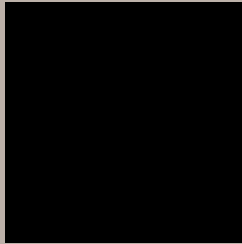
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 6.038, 65.280

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.038, 65.280.

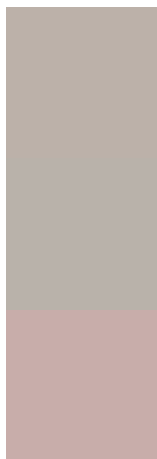


This preview shows how white text looks on a background with the CIELCh color 73, 6.038, 65.280.

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, 6.038, 65.280

Protanopia

73, 5.073, 77.879

Deuteranopia

73, 10.595, 29.001



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 6.038, 65.280

Protanomaly
73, 5.285, 74.319

Deuteranomaly
73, 8.555, 38.350

Tritanomaly
73, 6.530, 350.055

Monochromacy



Original Color
73, 6.038, 65.280

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.200, 66.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.038, 65.280 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(188, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 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(188, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.038, 65.280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

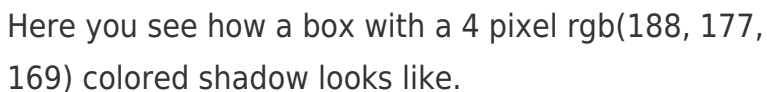
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 177, 169) }
```

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

```
.border{ border-color:rgb(188, 177, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 177, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 177, 169); box-shadow:4px 4px 4px 4px rgb(188, 177, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.038, 65.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 169) }
```

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

```
.background{ background-color: rgb(188,  
177, 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](#).

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