

Converting Colors

CIELCh(73, 11.600, 66.674)

Have a look what the booklet for
CIELCh(73, 11.600, 66.674) contains.

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Color

CIELCh(73, 11.731, 67.076)

Conversions

Conversions Part 1

Format	Color
Hex	C4B0A0
RGB	196, 176, 160
RGB Percent	77%, 69%, 63%
CMY	0.2325, 0.3109, 0.3736
CMYK	0.00, 0.10, 0.18, 0.23
HSL	27°, 23%, 70%
HSV	27°, 18%, 77%
XYZ	44.4797, 45.1644, 39.5029
YIQ	180.1560, 17.0560, -0.7360

Conversions

Conversions Part 2

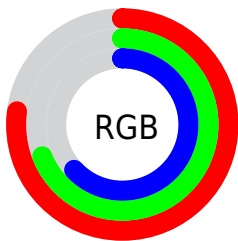
Format	Color
RYB	196, 189, 160
Decimal	12890272
CIELab	73.00, 4.57, 10.80
CIELCh	73, 11.731, 67.076
Yxy	45.1644, 0.3444, 0.3497
Android (android.graphics.Color)	4291080352 (0xFFC4B0A0)
YUV	180.1560, -9.9369, 13.8952
Hunter-Lab	67.2044, 0.5335, 12.1924

Details

The CIELCh color **73, 11.731, 67.076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 10.997, 251.643**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.713, 67.750**, and **53, 11.594, 67.717** is the 20% darker color. If you saturate the color by 10%, you get **70, 18.633, 65.978**, and if you desaturate by 10%, it is **76, 5.204, 68.171**.

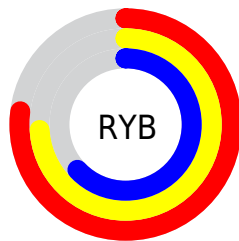
Distribution



Red (77%)

Green (69%)

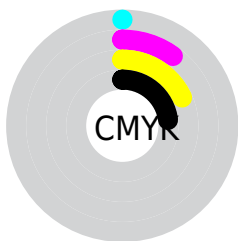
Blue (63%)



Red (77%)

Yellow (74%)

Blue (63%)

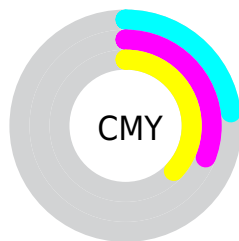


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 11.731, 67.076 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, 11.731, 67.076 by changing the saturation by 10% instead.

■ 73, 11.731, 67.076

■ 73, 11.731, 67.076

■ 100, 11.731,
67.076

■ 63, 11.731, 67.076

■ 93, 11.731, 67.076

■ 53, 11.731, 67.076

■ 43, 11.731, 67.076

■ 33, 11.731, 67.076

■ 23, 11.731, 67.076

■ 13, 11.731, 67.076

■ 3, 11.731, 67.076

■ 0, 11.731, 67.076

■ 73, 11.731, 67.076

■ 73, 11.731, 67.076

70, 18.633, 65.978

76, 5.204, 68.171

67, 25.929, 64.872

80, 0.982, 249.780

64, 33.618, 63.781

83, 6.859, 250.530

61, 41.650, 62.694

86, 12.464,
251.582

58, 49.877, 61.574

90, 16.848,
249.522

55, 57.959, 60.314

53, 65.215, 58.683

92, 16.249,
225.280

50, 70.829, 56.421

95, 18.375,
203.438

50, 71.727, 56.097

96, 19.401,
198.225

Harmonies

Complementary

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



73, 11.731, 67.076



72, 10.997, 251.643

Rectangle

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



73, 11.731, 67.076



73, 11.731, 117.076



73, 11.731, 247.076



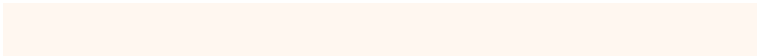
73, 11.731, 297.076

Sweetspot

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



73, 11.731, 67.088



98, 4.584, 68.399



69, 17.563, 341.693



52, 3.046, 68.335



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, 11.731, 67.088



91, 17.595, 66.649



78, 17.894, 105.493



39, 3.498, 68.070



41, 61.716, 56.691



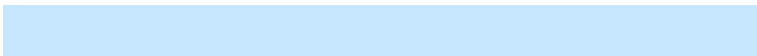
6, 11.471, 52.169

Inverse Universe

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



72, 10.997, 251.643



90, 16.237, 252.273



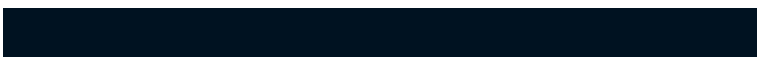
68, 18.551, 289.494



39, 3.395, 250.389



37, 45.242, 277.508



5, 12.076, 264.256

Previews

White Background



This preview shows how the CIELCh color 73, 11.731, 67.076 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, 11.731, 67.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

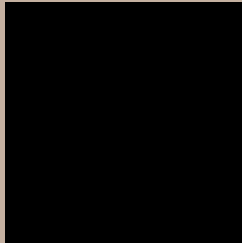
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 11.731, 67.076

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.731, 67.076.



This preview shows how white text looks on a background with the CIELCh color 73, 11.731, 67.076.

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, 11.731, 67.076

Protanopia

73, 10.205, 91.401

Deuteranopia

73, 14.227, 49.678



Tritanopia
73, 12.361, 345.800

Trichromacy



Original Color
73, 11.731, 67.076

Protanomaly
73, 10.317, 82.182

Deuteranomaly
73, 13.148, 55.047

Tritanomaly
73, 9.691, 10.595

Monochromacy



Original Color
73, 11.731, 67.076

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.055, 61.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.731, 67.076 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(196, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 160)  
}
```

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(196, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.731, 67.076 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(196, 176, 160) }
```

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

```
.border{ border-color:rgb(196, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.731, 67.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 160) }
```

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

```
.background{ background-color: rgb(196,  
176, 160) }
```

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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