

Converting Colors

CIELCh(73, 5.697, 74.248)

Have a look what the booklet for
CIELCh(73, 5.697, 74.248) contains.

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Color

CIELCh(73, 5.740, 77.354)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2A9
RGB	186, 178, 169
RGB Percent	73%, 70%, 66%
CMY	0.2704, 0.3018, 0.3371
CMYK	0.00, 0.04, 0.09, 0.27
HSL	32°, 11%, 70%
HSV	32°, 9%, 73%
XYZ	43.3506, 45.1644, 43.9858
YIQ	179.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

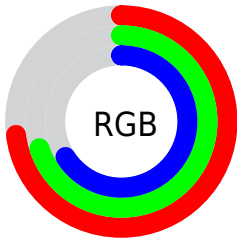
Format	Color
RYB	184, 186, 169
Decimal	12235433
CIELab	73.00, 1.26, 5.60
CIELCh	73, 5.740, 77.354
Yxy	45.1644, 0.3272, 0.3409
Android (android.graphics.Color)	4290425513 (0xFFBAB2A9)
YUV	179.3660, -5.1104, 5.8180
Hunter-Lab	67.2044, -2.4653, 8.2374

Details

The CIELCh color $73, 5.740, 77.354$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 5.646, 259.809$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.884, 80.183$, and $53, 5.662, 73.958$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.278, 76.144$, and if you desaturate by 10%, it is $76, 0.538, 259.269$.

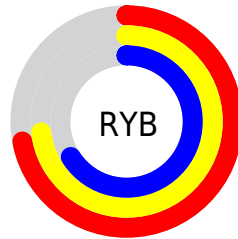
Distribution



Red (73%)

Green (70%)

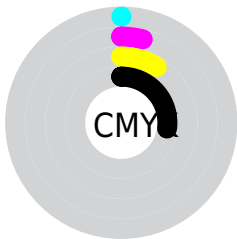
Blue (66%)



Red (72%)

Yellow (73%)

Blue (66%)

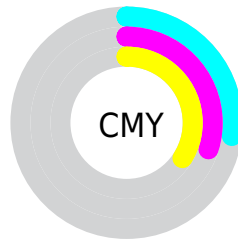


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.740, 77.354 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, 5.740, 77.354 by changing the saturation by 10% instead.

■ 73, 5.740, 77.354

■ 73, 5.740, 77.354

■ 100, 5.740, 77.354

■ 63, 5.740, 77.354

■ 93, 5.740, 77.354

■ 53, 5.740, 77.354

■ 43, 5.740, 77.354

■ 33, 5.740, 77.354

■ 23, 5.740, 77.354

■ 13, 5.740, 77.354

■ 3, 5.740, 77.354

■ 0, 5.740, 77.354

■ 73, 5.740, 77.354

■ 73, 5.740, 77.354

70, 12.278, 76.144

76, 0.538, 259.269

68, 19.090, 74.867

79, 6.581, 259.907

65, 26.179, 73.566

81, 12.410,
261.038

62, 33.519, 72.240

84, 18.049,
262.139

60, 41.031, 70.877

58, 48.529, 69.434

87, 20.471,
257.524

55, 55.635, 67.811

89, 18.800,
241.600

53, 61.674, 65.801

51, 66.123, 63.267

91, 18.719,
224.349

94, 20.197,
208.489

96, 22.258,
198.046

Harmonies

Complementary

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



73, 5.740, 77.354



72, 5.646, 259.809

Rectangle

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



73, 5.740, 77.354



73, 5.740, 127.354



73, 5.740, 257.354



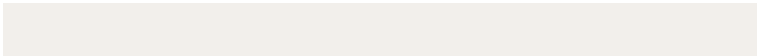
73, 5.740, 307.354

Sweetspot

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



73, 5.741, 77.375



95, 2.301, 78.013



71, 7.849, 345.276



51, 1.763, 77.950



98, 0.011, 296.813



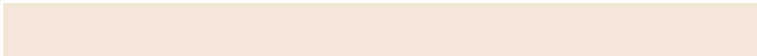
51, 0.007, 296.813

Same Dimension

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



73, 5.741, 77.375



92, 8.600, 77.130



75, 9.132, 109.984



37, 3.522, 77.353



43, 58.149, 63.618



5, 8.847, 64.532

Inverse Universe

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



72, 5.646, 259.809



90, 8.417, 260.091



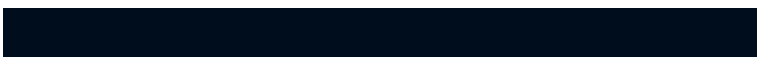
70, 9.329, 291.742



37, 3.462, 259.835



32, 52.226, 286.219



3, 10.497, 269.635

Previews

White Background



This preview shows how the CIELCh color 73, 5.740, 77.354 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, 5.740, 77.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

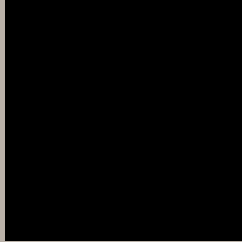
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

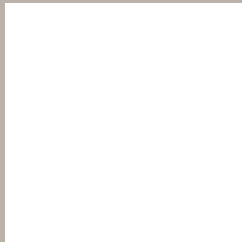
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.740, 77.354

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.740, 77.354.

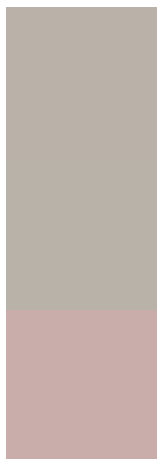


This preview shows how white text looks on a background with the CIELCh color 73, 5.740, 77.354.

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, 5.740, 77.354

Protanopia

73, 5.544, 80.738

Deuteranopia

73, 10.595, 29.001



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 5.740, 77.354

Protanomaly
73, 5.544, 80.738

Deuteranomaly
73, 8.181, 39.192

Tritanomaly
73, 5.572, 344.103

Monochromacy



Original Color
73, 5.740, 77.354

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.427, 82.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.740, 77.354 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(186, 178, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 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(186, 178, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.740, 77.354 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(186, 178, 169) }
```

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

```
.border{ border-color:rgb(186, 178, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.740, 77.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 169) }
```

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

```
.background{ background-color: rgb(186,  
178, 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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