

Converting Colors

CIELCh(73, 0.485, 64.082)

Have a look what the booklet for
CIELCh(73, 0.485, 64.082) contains.

CIELCh(73, 0.648, 74.763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 0.648, 74.763)

Conversions

Conversions Part 1

Format	Color
Hex	B4B3B2
RGB	180, 179, 178
RGB Percent	71%, 70%, 70%
CMY	0.2941, 0.2980, 0.3019
CMYK	0.00, 0.01, 0.01, 0.29
HSL	30°, 1%, 70%
HSV	30°, 1%, 71%
XYZ	42.9846, 45.1644, 48.5777
YIQ	179.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

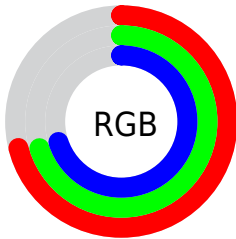
Format	Color
RYB	180, 180, 178
Decimal	11842482
CIELab	73.00, 0.17, 0.63
CIElCh	73, 0.648, 74.763
Yxy	45.1644, 0.3144, 0.3303
Android (android.graphics.Color)	4290032562 (0xFFB4B3B2)
YUV	179.1850, -0.5842, 0.7148
Hunter-Lab	67.2044, -3.4375, 4.1863

Details

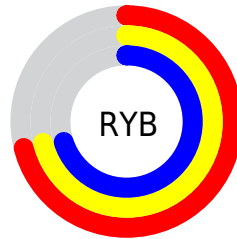
The CIELCh color $73, 0.648, 74.763$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 0.660, 256.234$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 0.614, 74.639$, and $53, 0.693, 74.858$ is the 20% darker color. If you saturate the color by 10%, you get $70, 6.693, 74.200$, and if you desaturate by 10%, it is $76, 5.142, 256.704$.

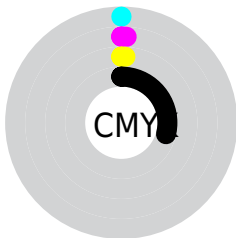
Distribution



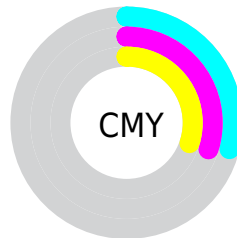
- Red (71%)
- Green (70%)
- Blue (70%)



- Red (71%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 0.648, 74.763 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, 0.648, 74.763 by changing the saturation by 10% instead.

■ 73, 0.648, 74.763

■ 73, 0.648, 74.763

100, 0.648, 74.763

■ 63, 0.648, 74.763

■ 93, 0.648, 74.763

■ 53, 0.648, 74.763

■ 43, 0.648, 74.763

■ 33, 0.648, 74.763

■ 23, 0.648, 74.763

■ 13, 0.648, 74.763

■ 3, 0.648, 74.763

■ 0, 0.648, 74.763

■ 73, 0.648, 74.763

■ 73, 0.648, 74.763

70, 6.693, 74.200

76, 5.142, 256.704

67, 13.016, 72.994

79, 10.705,
257.813

65, 19.636, 71.757

82, 16.065,
258.907

62, 26.557, 70.505

59, 33.755, 69.239

85, 21.246,
259.964

57, 41.149, 67.941

87, 21.024,
249.929

55, 48.546, 66.561

52, 55.546, 64.979

89, 20.037,
233.859

50, 61.438, 62.954

92, 20.640,
217.677

94, 22.657,
203.554

95, 23.984,
197.939

Harmonies

Complementary

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



73, 0.648, 74.763



73, 0.660, 256.234

Rectangle

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



73, 0.648, 74.763



73, 0.648, 124.763



73, 0.648, 254.763



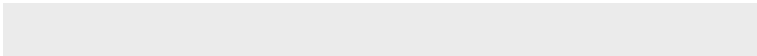
73, 0.648, 304.763

Sweetspot

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



73, 0.649, 74.936



93, 0.011, 296.813



73, 0.934, 343.339



49, 0.007, 296.813



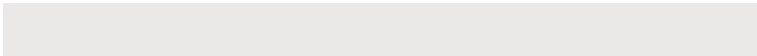
96, 0.011, 296.813

Same Dimension

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



73, 0.649, 74.936



93, 0.723, 74.898



73, 1.074, 110.018



38, 0.328, 74.855



41, 58.012, 61.319



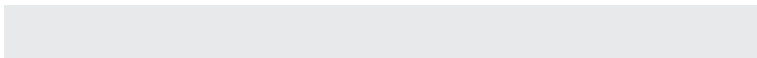
4, 7.584, 63.176

Inverse Universe

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



73, 0.660, 256.234



92, 0.738, 256.269



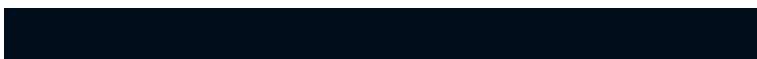
73, 1.094, 290.337



38, 0.335, 256.310



33, 48.766, 283.507



3, 8.813, 266.210

Previews

White Background



This preview shows how the CIELCh color 73, 0.648, 74.763 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, 0.648, 74.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

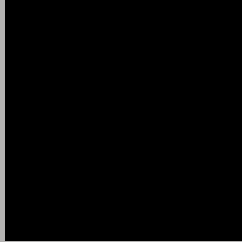
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

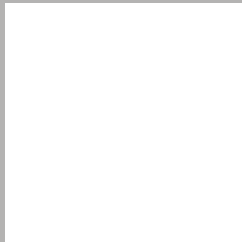
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 0.648, 74.763

Background



This preview shows how black text looks on a background with the CIELCh color 73, 0.648, 74.763.



This preview shows how white text looks on a background with the CIELCh color 73, 0.648, 74.763.

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, 0.648, 74.763

Protanopia

73, 1.877, 19.293

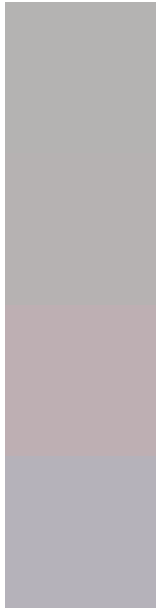
Deuteranopia

73, 9.316, 359.809



Tritanopia
73, 7.853, 304.310

Trichromacy



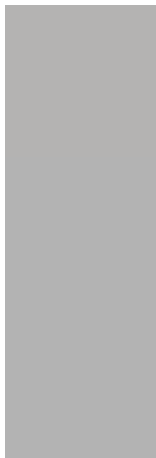
Original Color
73, 0.648, 74.763

Protanomaly
73, 1.500, 19.194

Deuteranomaly
73, 6.074, 358.974

Tritanomaly
73, 4.503, 304.789

Monochromacy



Original Color
73, 0.648, 74.763

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 0.648, 74.763 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(180, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 178)  
}
```

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(180, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 0.648, 74.763 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(180, 179, 178) }
```

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

```
.border{ border-color:rgb(180, 179, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 0.648, 74.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 178) }
```

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

```
.background{ background-color: rgb(180,  
179, 178) }
```

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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