

Converting Colors

CIELCh(73, 0.944, 110.023)

Have a look what the booklet for
CIELCh(73, 0.944, 110.023) contains.

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Color

CIELCh(73, 0.533, 110.015)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3B2
RGB	179, 179, 178
RGB Percent	70%, 70%, 70%
CMY	0.2972, 0.2971, 0.3011
CMYK	0.00, 0.00, 0.01, 0.30
HSL	60°, 1%, 70%
HSV	60°, 1%, 70%
XYZ	42.8662, 45.1644, 48.6964
YIQ	178.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
RYB	178, 179, 178
Decimal	11776946
CIELab	73.00, -0.18, 0.50
CIElCh	73, 0.533, 110.015
Yxy	45.1644, 0.3135, 0.3303
Android (android.graphics.Color)	4289967026 (0xFFB3B3B2)
YUV	178.8860, -0.4368, 0.1000
Hunter-Lab	67.2044, -3.7520, 4.0815

Details

The CIELCh color $73, 0.533, 110.015$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 0.553, 290.461$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 0.504, 109.994$, and $53, 0.571, 110.026$ is the 20% darker color. If you saturate the color by 10%, you get $73, 10.233, 109.301$, and if you desaturate by 10%, it is $74, 9.183, 291.182$.

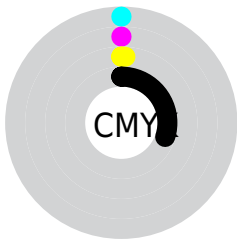
Distribution



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



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 0.533, 110.015 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, 0.533, 110.015 by changing the saturation by 10% instead.

■ 73, 0.533, 110.015

■ 73, 0.533, 110.015

100, 0.533,
110.015

■ 63, 0.533, 110.015

■ 93, 0.533, 110.015

■ 53, 0.533, 110.015

■ 43, 0.533, 110.015

■ 33, 0.533, 110.015

■ 23, 0.533, 110.015

■ 13, 0.533, 110.015

■ 3, 0.533, 110.015

■ 0, 0.533, 110.015

■ 73, 0.533, 110.015

■ 73, 0.533, 110.015

73, 10.233,
109.301

74, 9.183, 291.182

72, 19.866,
108.349

74, 18.889,
292.074

72, 29.363,
107.400

75, 28.562,
292.933

72, 38.616,
106.474

75, 38.186,
293.754

71, 47.458,
105.595

76, 40.904,
293.997

71, 55.636,
104.793

76, 40.904,
294.021

71, 62.795,
104.106

76, 40.904,
294.046

71, 68.490,
103.572

76, 40.905,
294.070

71, 72.311,

76, 40.905,
294.095

Harmonies

Complementary

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



73, 0.533, 110.015



73, 0.553, 290.461

Rectangle

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



73, 0.533, 110.015



73, 0.533, 160.015



73, 0.533, 290.015



73, 0.533, 340.015

Sweetspot

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



73, 0.535, 110.143



92, 0.011, 296.813



73, 0.376, 18.089



49, 0.007, 296.813



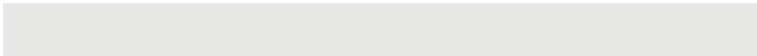
96, 0.011, 296.813

Same Dimension

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



73, 0.535, 110.143



92, 1.188, 110.149



73, 0.569, 129.236



38, 0.543, 110.152



61, 66.187, 103.047



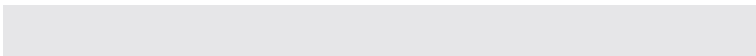
8, 13.296, 110.279

Inverse Universe

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



73, 0.553, 290.461



91, 1.212, 290.457



73, 0.586, 308.907



38, 0.555, 290.454



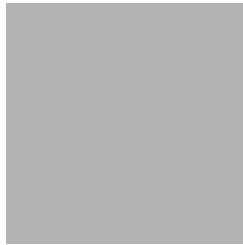
17, 91.372, 306.299



1, 13.317, 290.274

Previews

White Background



This preview shows how the CIELCh color 73, 0.533, 110.015 looks on a white background.

Color Contrast Check

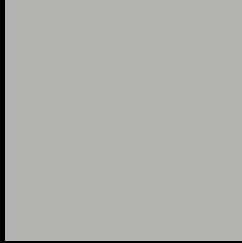
Large Text (above 18pt) WCAG AA × Fail

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, 0.533, 110.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

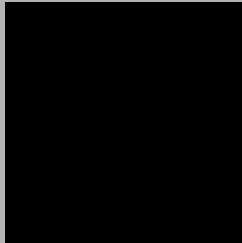
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

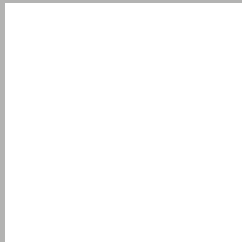
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 0.533, 110.015

Background



This preview shows how black text looks on a background with the CIELCh color 73, 0.533, 110.015.

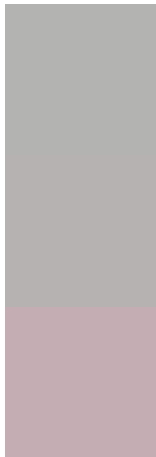


This preview shows how white text looks on a background with the CIELCh color 73, 0.533, 110.015.

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, 0.533, 110.015

Protanopia

73, 1.500, 19.194

Deuteranopia

73, 9.316, 359.809



Tritanopia
73, 7.773, 301.695

Trichromacy



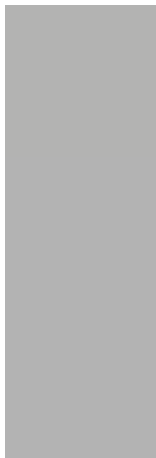
Original Color
73, 0.533, 110.015

Protanomaly
73, 1.124, 19.050

Deuteranomaly
73, 6.074, 358.974

Tritanomaly
73, 4.423, 300.170

Monochromacy



Original Color
73, 0.533, 110.015

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, 0.533, 110.015 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(179, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 179, 178) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 73, 0.533, 110.015 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(179, 179, 178) }
```

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

```
.border{ border-color:rgb(179, 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(179, 179, 178)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 73, 0.533, 110.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(179,  
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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