

Converting Colors

CIELCh(73, 0.586, 200.226)

Have a look what the booklet for
CIELCh(73, 0.586, 200.226) contains.

CIELCh(73, 0.371, 200.743)	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, 0.371, 200.743)

Conversions

Conversions Part 1

Format	Color
Hex	B2B3B3
RGB	178, 179, 179
RGB Percent	70%, 70%, 70%
CMY	0.3005, 0.2966, 0.2966
CMYK	0.01, 0.00, 0.00, 0.30
HSL	180°, 1%, 70%
HSV	180°, 1%, 70%
XYZ	42.8110, 45.1644, 49.3028
YIQ	178.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
RYB	178, 179, 179
Decimal	11711411
CIELab	73.00, -0.35, -0.13
CIELCh	73, 0.371, 200.743
Yxy	45.1644, 0.3119, 0.3290
Android (android.graphics.Color)	4289901491 (0xFFB2B3B3)
YUV	178.7010, 0.1474, -0.6148
Hunter-Lab	67.2044, -3.8985, 3.5466

Details

The CIELCh color $73, 0.371, 200.743$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 0.376, 17.832$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 0.353, 201.148$, and $53, 0.396, 200.355$ is the 20% darker color. If you saturate the color by 10%, you get $72, 6.888, 198.646$, and if you desaturate by 10%, it is $74, 6.420, 19.612$.

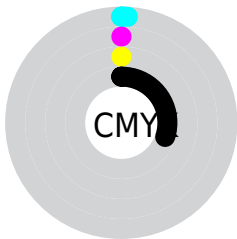
Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 0.371, 200.743 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, 0.371, 200.743 by changing the saturation by 10% instead.

■ 73, 0.371, 200.743

■ 73, 0.371, 200.743

100, 0.371,
200.743

■ 63, 0.371, 200.743

■ 93, 0.371, 200.743

■ 53, 0.371, 200.743

■ 43, 0.371, 200.743

■ 33, 0.371, 200.743

■ 23, 0.371, 200.743

■ 13, 0.371, 200.743

■ 3, 0.371, 200.743

■ 0, 0.371, 200.743

■ 73, 0.371, 200.743

■ 73, 0.371, 200.743

72, 6.888, 198.646

74, 6.420, 19.612

70, 13.033,
198.104

76, 13.405, 20.249

69, 18.703,
197.628

78, 20.512, 20.873

69, 23.793,
197.208

80, 27.684, 21.500

68, 28.204,
196.847

80, 29.640, 21.631

67, 31.854,
196.546

80, 29.637, 21.575

67, 34.692,
196.306

80, 29.633, 21.520

67, 36.707,
196.125

80, 29.629, 21.464

66, 37.940,
195.998

80, 29.626, 21.408

Harmonies

Complementary

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



73, 0.371, 200.743



73, 0.376, 17.832

Rectangle

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



73, 0.371, 200.743



73, 0.371, 250.743



73, 0.371, 20.743



73, 0.371, 70.743

Sweetspot

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



73, 0.372, 200.483



92, 0.011, 296.813



73, 0.652, 144.329



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, 0.372, 200.483



92, 0.821, 199.842



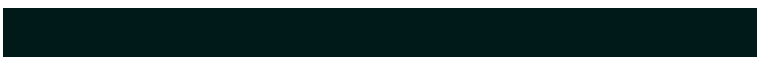
73, 0.330, 254.719



38, 0.376, 199.916



57, 34.301, 195.920



7, 9.140, 198.729

Inverse Universe

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



73, 0.376, 17.832



91, 0.829, 18.468



73, 0.318, 72.423



38, 0.379, 18.395



31, 70.814, 39.404



2, 9.156, 19.206

Previews

White Background



This preview shows how the CIELCh color 73, 0.371, 200.743 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, 0.371, 200.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

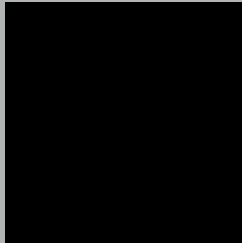
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

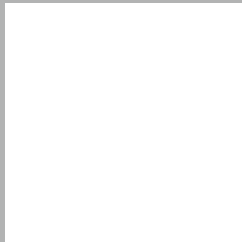
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 0.371, 200.743

Background



This preview shows how black text looks on a background with the CIELCh color 73, 0.371, 200.743.



This preview shows how white text looks on a background with the CIELCh color 73, 0.371, 200.743.

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, 0.371, 200.743

Protanopia

73, 1.601, 359.429

Deuteranopia

73, 9.721, 353.794



Tritanopia
73, 8.247, 298.538

Trichromacy



Original Color

73, 0.371, 200.743

Protanomaly

73, 1.256, 353.496

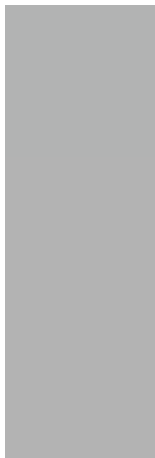
Deuteranomaly

73, 6.283, 354.352

Tritanomaly

73, 4.913, 294.933

Monochromacy



Original Color

73, 0.371, 200.743

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, 0.371, 200.743 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(178, 179, 179)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 73, 0.371, 200.743 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(178, 179, 179) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 73, 0.371, 200.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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