

Converting Colors

CIELCh(73, 2.545, 92.439)

Have a look what the booklet for
CIELCh(73, 2.545, 92.439) contains.

CIELCh(73, 2.279, 90.626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 2.279, 90.626)

Conversions

Conversions Part 1

Format	Color
Hex	B5B3AF
RGB	181, 179, 175
RGB Percent	71%, 70%, 69%
CMY	0.2902, 0.2980, 0.3137
CMYK	0.00, 0.01, 0.03, 0.29
HSL	40°, 4%, 70%
HSV	40°, 3%, 71%
XYZ	42.9190, 45.1644, 47.0178
YIQ	179.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

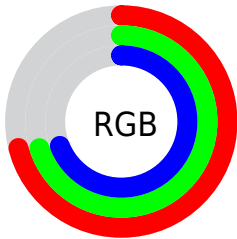
Format	Color
RYB	178, 181, 175
Decimal	11908015
CIELab	73.00, -0.02, 2.28
CIELCh	73, 2.279, 90.626
Yxy	45.1644, 0.3177, 0.3343
Android (android.graphics.Color)	4290098095 (0xFFB5B3AF)
YUV	179.1420, -2.0420, 1.6295
Hunter-Lab	67.2044, -3.6117, 5.5625

Details

The CIELCh color $73, 2.279, 90.626$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 2.294, 271.673$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 2.655, 94.304$, and $53, 1.897, 84.840$ is the 20% darker color. If you saturate the color by 10%, you get $71, 9.281, 89.502$, and if you desaturate by 10%, it is $75, 4.575, 272.012$.

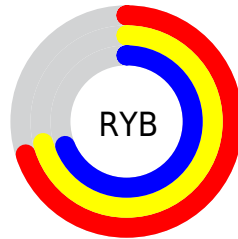
Distribution



Red (71%)

Green (70%)

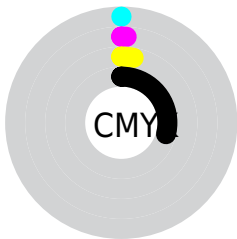
Blue (69%)



Red (70%)

Yellow (71%)

Blue (69%)

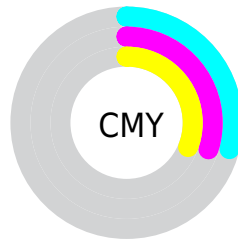


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.279, 90.626 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, 2.279, 90.626 by changing the saturation by 10% instead.

■ 73, 2.279, 90.626

■ 73, 2.279, 90.626

■ 100, 2.279, 90.626

■ 63, 2.279, 90.626

■ 93, 2.279, 90.626

■ 53, 2.279, 90.626

■ 43, 2.279, 90.626

■ 33, 2.279, 90.626

■ 23, 2.279, 90.626

■ 13, 2.279, 90.626

■ 3, 2.279, 90.626

■ 0, 2.279, 90.626

■ 73, 2.279, 90.626

■ 73, 2.279, 90.626

71, 9.281, 89.502	75, 4.575, 272.012
69, 16.427, 88.228	77, 11.290, 273.128
67, 23.702, 86.909	79, 17.872, 274.216
65, 31.063, 85.548	81, 24.333, 275.254
63, 38.423, 84.145	83, 25.505, 271.807
62, 45.608, 82.682	85, 23.232, 264.114
60, 52.302, 81.119	86, 21.448, 255.047
58, 57.983, 79.369	88, 20.271, 244.738
57, 61.945, 77.281	90, 19.792, 233.652

Harmonies

Complementary

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



73, 2.279, 90.626



72, 2.294, 271.673

Rectangle

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



73, 2.279, 90.626



73, 2.279, 140.626



73, 2.279, 270.626



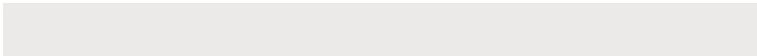
73, 2.279, 320.626

Sweetspot

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



73, 2.280, 90.670



93, 0.840, 90.724



72, 2.515, 353.819



49, 0.477, 90.712



96, 0.011, 296.813



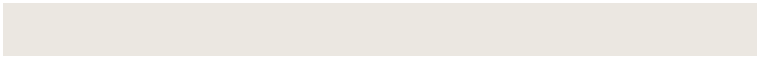
49, 0.007, 296.813

Same Dimension

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



73, 2.280, 90.670



92, 3.402, 90.596



73, 3.263, 116.472



37, 1.931, 90.534



47, 56.388, 76.148



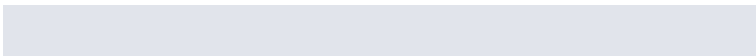
6, 8.426, 81.607

Inverse Universe

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



72, 2.294, 271.673



91, 3.418, 271.751



72, 3.302, 296.943



37, 1.938, 271.816



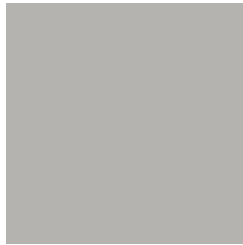
26, 65.840, 296.086



2, 10.138, 276.763

Previews

White Background



This preview shows how the CIELCh color 73, 2.279, 90.626 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, 2.279, 90.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

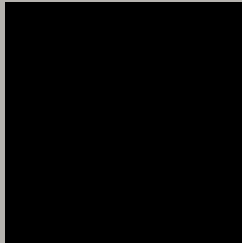
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

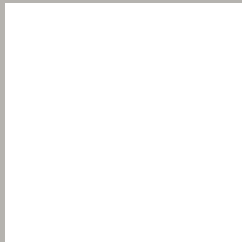
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.279, 90.626

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.279, 90.626.



This preview shows how white text looks on a background with the CIELCh color 73, 2.279, 90.626.

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, 2.279, 90.626

Protanopia

73, 2.476, 60.269

Deuteranopia

73, 9.309, 10.155



Tritanopia
73, 7.949, 306.873

Trichromacy



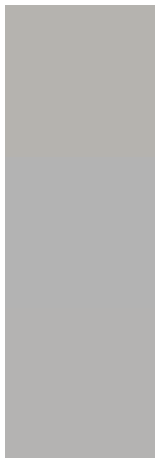
Original Color
73, 2.279, 90.626

Protanomaly
73, 2.202, 66.720

Deuteranomaly
73, 6.105, 14.771

Tritanomaly
73, 4.102, 311.647

Monochromacy



Original Color
73, 2.279, 90.626

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.648, 74.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.279, 90.626 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(181, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 175)  
}
```

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(181, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.279, 90.626 is called "border". The border property can be set on classes, ids or directly on the HTML element.

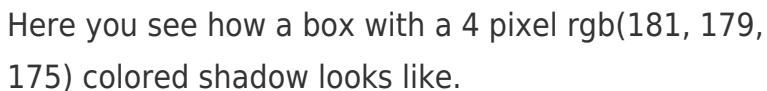
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 179, 175) }
```

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

```
.border{ border-color:rgb(181, 179, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 179, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 179, 175); box-shadow:4px 4px 4px 4px rgb(181, 179, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.279, 90.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 175) }
```

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

```
.background{ background-color: rgb(181,  
179, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor