

Converting Colors

CIELCh(73, 1.786, 324.390)

Have a look what the booklet for
CIELCh(73, 1.786, 324.390) contains.

CIELCh(73, 1.993, 324.412)	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, 1.993, 324.412)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2B5
RGB	181, 178, 181
RGB Percent	71%, 70%, 71%
CMY	0.2890, 0.3008, 0.2890
CMYK	0.00, 0.02, 0.00, 0.29
HSL	300°, 2%, 71%
HSV	300°, 2%, 71%
XYZ	43.4738, 45.1644, 50.2999
YIQ	179.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

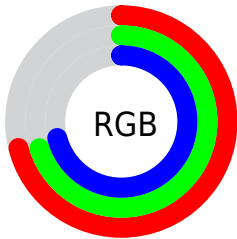
Format	Color
RYB	181, 178, 181
Decimal	11907765
CIELab	73.00, 1.62, -1.16
CIElCh	73, 1.993, 324.412
Yxy	45.1644, 0.3129, 0.3251
Android (android.graphics.Color)	4290097845 (0xFFB5B2B5)
YUV	179.2390, 0.8682, 1.5444
Hunter-Lab	67.2044, -2.1382, 2.6669

Details

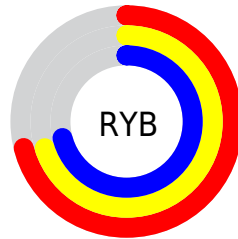
The CIELCh color $73, 1.993, 324.412$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 1.975, 144.473$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 1.896, 324.357$, and $53, 2.122, 324.478$ is the 20% darker color. If you saturate the color by 10%, you get $68, 14.085, 325.056$, and if you desaturate by 10%, it is $78, 9.900, 144.023$.

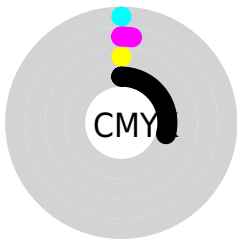
Distribution



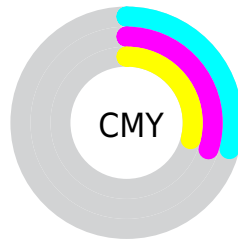
- Red (71%)
- Green (70%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.993, 324.412 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, 1.993, 324.412 by changing the saturation by 10% instead.

■ 73, 1.993, 324.412

■ 73, 1.993, 324.412

100, 1.993,
324.412

■ 63, 1.993, 324.412

■ 93, 1.993, 324.412

■ 53, 1.993, 324.412

■ 43, 1.993, 324.412

■ 33, 1.993, 324.412

■ 23, 1.993, 324.412

■ 13, 1.993, 324.412

■ 3, 1.993, 324.412

■ 0, 1.993, 324.412

■ 73, 1.993, 324.412

■ 73, 1.993, 324.412

68, 14.085,
325.056

78, 9.900, 144.023

64, 26.249,
325.604

83, 21.504,
143.493

60, 38.281,
326.133

88, 32.777,
142.993

56, 49.898,
326.633

93, 43.699,
142.520

52, 60.728,
327.088

94, 46.171,
142.415

49, 70.331,
327.481

94, 46.171,
142.415

46, 78.251,
327.797

94, 46.171,
142.415

45, 84.112,
328.027

94, 46.171,
142.415

44, 87.739,

94, 46.171,
142.415

328.167

Harmonies

Complementary

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



73, 1.993, 324.412



73, 1.975, 144.473

Rectangle

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



73, 1.993, 324.412



73, 1.993, 14.412



73, 1.993, 144.412



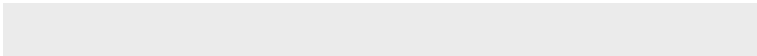
73, 1.993, 194.412

Sweetspot

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



73, 1.991, 324.411



93, 0.011, 296.813



73, 1.635, 290.372



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, 1.991, 324.411



92, 2.968, 324.454



73, 1.397, 343.514



38, 1.378, 324.437



37, 79.889, 328.233



3, 18.823, 324.744

Inverse Universe

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



73, 1.991, 324.411



92, 2.968, 324.454



74, 1.382, 163.791



38, 1.378, 324.437



37, 79.889, 328.233



3, 18.823, 324.744

Previews

White Background



This preview shows how the CIE LCh color 73, 1.993, 324.412 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, 1.993, 324.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

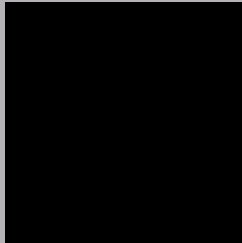
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

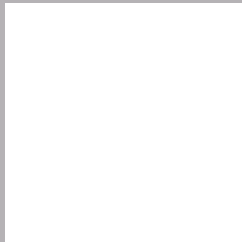
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.993, 324.412

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.993, 324.412.

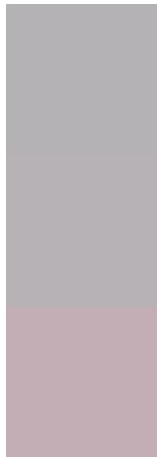


This preview shows how white text looks on a background with the CIELCh color 73, 1.993, 324.412.

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, 1.993, 324.412

Protanopia

73, 2.227, 332.344

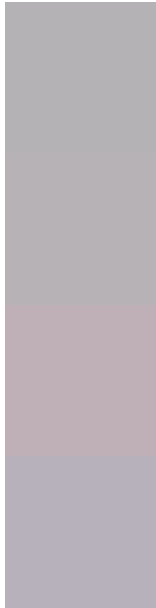
Deuteranopia

73, 9.036, 351.545



Tritanopia
73, 7.949, 306.873

Trichromacy



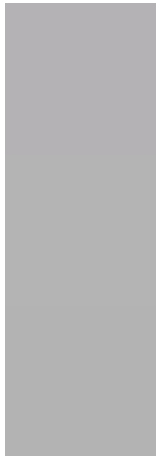
Original Color
73, 1.993, 324.412

Protanomaly
73, 2.227, 332.344

Deuteranomaly
73, 6.199, 348.265

Tritanomaly
73, 5.765, 309.281

Monochromacy



Original Color
73, 1.993, 324.412

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.670, 324.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.993, 324.412 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, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 181)  
}
```

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, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.993, 324.412 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, 178, 181) }
```

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

```
.border{ border-color:rgb(181, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.993, 324.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 181) }
```

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

```
.background{ background-color: rgb(181,  
178, 181) }
```

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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