

Converting Colors

CIELCh(73, 5.333, 293.816)

Have a look what the booklet for
CIELCh(73, 5.333, 293.816) contains.

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Color

CIELCh(73, 5.455, 294.551)

Conversions

Conversions Part 1

Format	Color
Hex	B3B2BC
RGB	179, 178, 188
RGB Percent	70%, 70%, 74%
CMY	0.2973, 0.3012, 0.2620
CMYK	0.05, 0.05, 0.00, 0.26
HSL	246°, 7%, 72%
HSV	246°, 5%, 74%
XYZ	43.6928, 45.1644, 54.1027
YIQ	179.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

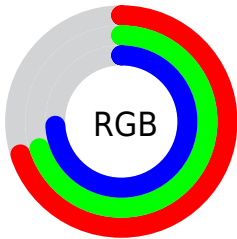
Format	Color
R_{YB}	179, 178, 188
Decimal	11776700
CIE Lab	73.00, 2.27, -4.96
CIE LCh	73, 5.455, 294.551
Yxy	45.1644, 0.3056, 0.3159
Android (android.graphics.Color)	4289966780 (0xFFB3B2BC)
YUV	179.4390, 4.2206, -0.3850
Hunter-Lab	67.2044, -1.5565, -0.6881

Details

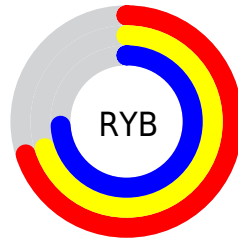
The CIELCh color `73, 5.455, 294.551` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 5.376, 113.671`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 5.185, 294.454`, and `53, 5.816, 294.714` is the 20% darker color. If you saturate the color by 10%, you get `67, 16.015, 295.468`, and if you desaturate by 10%, it is `79, 4.701, 113.736`.

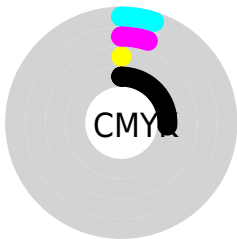
Distribution



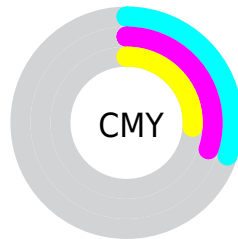
- Red (70%)
- Green (70%)
- Blue (74%)



- Red (70%)
- Yellow (70%)
- Blue (74%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.455, 294.551 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, 5.455, 294.551 by changing the saturation by 10% instead.

■ 73, 5.455, 294.551

■ 73, 5.455, 294.551

100, 5.455,
294.551

■ 63, 5.455, 294.551

■ 93, 5.455, 294.551

■ 53, 5.455, 294.551

■ 43, 5.455, 294.551

■ 33, 5.455, 294.551

■ 23, 5.455, 294.551

■ 13, 5.455, 294.551

■ 3, 5.455, 294.551

■ 0, 5.455, 294.551

■ 73, 5.455, 294.551

■ 73, 5.455, 294.551

67, 16.015,
295.468

79, 4.701, 113.736

60, 27.009,
296.550

85, 14.477,
113.058

54, 38.454,
297.803

92, 23.900,
112.476

48, 50.335,
299.233

98, 32.994,
111.975

42, 62.564,
300.823

99, 33.602,
107.619

36, 74.872,
302.508

31, 86.641,
304.147

27, 96.712,
305.506

24, 103.545,

Harmonies

Complementary

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



73, 5.455, 294.551



76, 5.376, 113.671

Rectangle

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



73, 5.455, 294.551



73, 5.455, 344.551



73, 5.455, 114.551



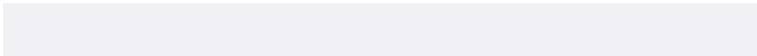
73, 5.455, 164.551

Sweetspot

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



73, 5.453, 294.541



95, 2.532, 294.274



75, 3.368, 206.973



51, 1.439, 294.266



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 5.453, 294.541



92, 7.635, 294.608



73, 5.865, 312.121



38, 4.089, 294.647



18, 93.046, 306.665



1, 17.473, 293.419

Inverse Universe

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



74, 6.160, 327.524



93, 8.617, 327.575



76, 5.817, 131.731



38, 4.613, 327.603



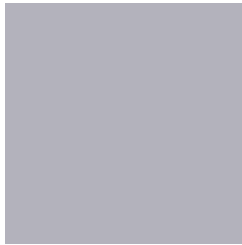
36, 74.832, 332.592



3, 19.476, 329.266

Previews

White Background



This preview shows how the CIELCh color 73, 5.455, 294.551 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, 5.455, 294.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

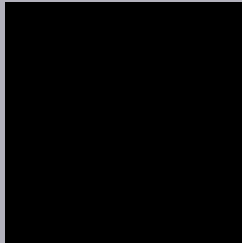
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

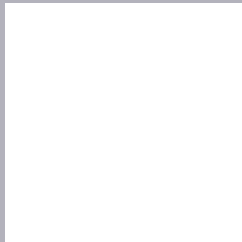
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.455, 294.551

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.455, 294.551.

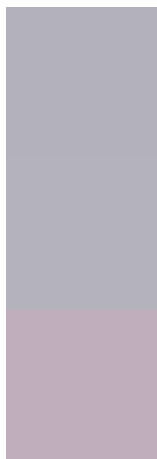


This preview shows how white text looks on a background with the CIELCh color 73, 5.455, 294.551.

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, 5.455, 294.551

Protanopia

73, 5.496, 298.356

Deuteranopia

73, 10.568, 329.926



Tritanopia
73, 7.654, 296.346

Trichromacy



Original Color
73, 5.455, 294.551

Protanomaly
73, 5.496, 298.356

Deuteranomaly
73, 8.184, 320.460

Tritanomaly
73, 7.114, 296.723

Monochromacy



Original Color
73, 5.455, 294.551

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.214, 300.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.455, 294.551 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, 178, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 178, 188)  
}
```

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, 178, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 178, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.455, 294.551 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, 178, 188) }
```

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

```
.border{ border-color:rgb(179, 178, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 178, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 178, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 178, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 178,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.455, 294.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 178, 188) }
```

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

```
.background{ background-color: rgb(179,  
178, 188) }
```

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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