

Converting Colors

CIELCh(73, 2.951, 219.170)

Have a look what the booklet for
CIELCh(73, 2.951, 219.170) contains.

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Color

CIELCh(73, 2.982, 209.837)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5B6
RGB	173, 181, 182
RGB Percent	68%, 71%, 71%
CMY	0.3226, 0.2912, 0.2873
CMYK	0.05, 0.01, 0.00, 0.29
HSL	187°, 6%, 70%
HSV	187°, 5%, 71%
XYZ	42.0649, 45.1644, 50.6166
YIQ	178.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

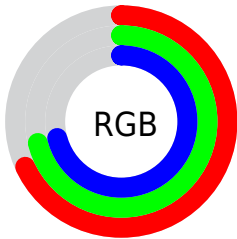
Format	Color
RYB	173, 177, 182
Decimal	11384246
CIELab	73.00, -2.59, -1.48
CIELCh	73, 2.982, 209.837
Yxy	45.1644, 0.3052, 0.3276
Android (android.graphics.Color)	4289574326 (0xFFADB5B6)
YUV	178.7220, 1.6161, -5.0182
Hunter-Lab	67.2044, -5.8804, 2.3875

Details

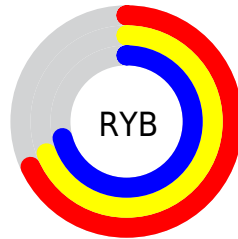
The CIELCh color $73, 2.982, 209.837$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 3.076, 29.630$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.185, 208.722$, and $53, 2.784, 211.271$ is the 20% darker color. If you saturate the color by 10%, you get $71, 8.771, 209.610$, and if you desaturate by 10%, it is $75, 3.106, 29.622$.

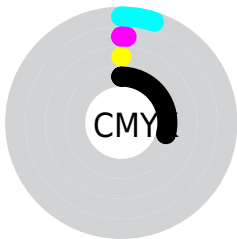
Distribution



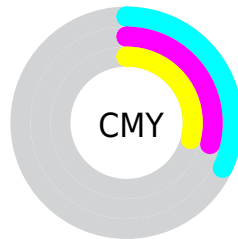
- Red (68%)
- Green (71%)
- Blue (71%)



- Red (68%)
- Yellow (69%)
- Blue (71%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.982, 209.837 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, 2.982, 209.837 by changing the saturation by 10% instead.

■ 73, 2.982, 209.837

■ 73, 2.982, 209.837

■ 100, 2.982,
209.837

■ 63, 2.982, 209.837

■ 93, 2.982, 209.837

■ 53, 2.982, 209.837

■ 43, 2.982, 209.837

■ 33, 2.982, 209.837

■ 23, 2.982, 209.837

■ 13, 2.982, 209.837

■ 3, 2.982, 209.837

■ 0, 2.982, 209.837

■ 73, 2.982, 209.837

■ 73, 2.982, 209.837

71, 8.771, 209.610

75, 3.106, 29.622

69, 14.173,
209.611

77, 9.420, 29.956

68, 19.094,
209.755

79, 15.895, 30.246

66, 23.436,
210.065

81, 22.479, 30.557

65, 27.109,
210.573

83, 25.184, 34.444

64, 30.038,
211.319

84, 24.715, 37.096

63, 32.181,
212.347

85, 23.951, 42.683

62, 33.538,
213.699

61, 34.174,
215.412

Harmonies

Complementary

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



73, 2.982, 209.837



72, 3.076, 29.630

Rectangle

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



73, 2.982, 209.837



73, 2.982, 259.837



73, 2.982, 29.837



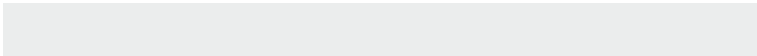
73, 2.982, 79.837

Sweetspot

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



73, 2.983, 209.803



94, 0.755, 210.520



73, 5.561, 147.030



50, 0.433, 210.567



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 2.983, 209.803



92, 4.474, 209.757



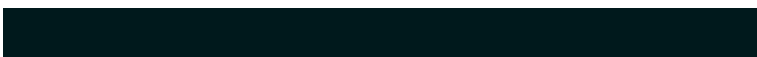
72, 3.209, 266.133



38, 2.399, 209.743



53, 30.651, 216.088



7, 9.025, 214.390

Inverse Universe

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



72, 5.536, 327.837



90, 8.334, 327.912



73, 3.210, 84.721



37, 4.475, 327.940



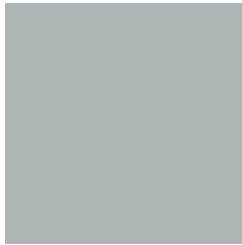
36, 73.325, 333.126



3, 16.808, 329.439

Previews

White Background



This preview shows how the CIE LCh color 73, 2.982, 209.837 looks on a white background.

Color Contrast Check

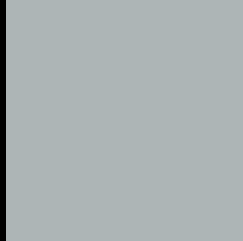
Large Text (above 18pt) WCAG AA × Fail

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, 2.982, 209.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

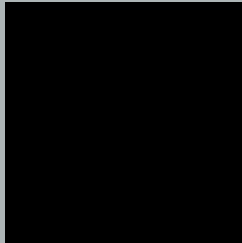
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

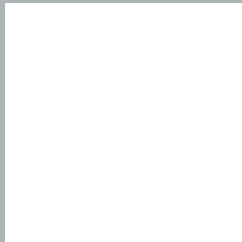
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.982, 209.837

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.982, 209.837.



This preview shows how white text looks on a background with the CIELCh color 73, 2.982, 209.837.

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, 2.982, 209.837

Protanopia

73, 1.862, 343.625

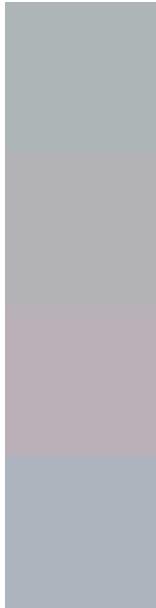
Deuteranopia

73, 9.595, 345.837



Tritanopia
73, 7.712, 280.181

Trichromacy



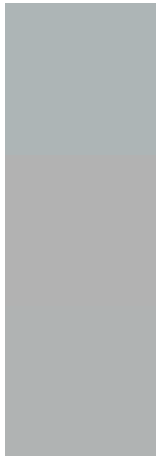
Original Color
73, 2.982, 209.837

Protanomaly
73, 1.093, 290.337

Deuteranomaly
73, 5.354, 334.586

Tritanomaly
73, 5.311, 266.509

Monochromacy



Original Color
73, 2.982, 209.837

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.113, 199.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.982, 209.837 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(173, 181, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 182)  
}
```

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(173, 181, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.982, 209.837 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(173, 181, 182) }
```

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

```
.border{ border-color:rgb(173, 181, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 181, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 181, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 181, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 181,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.982, 209.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 182) }
```

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

```
.background{ background-color: rgb(173,  
181, 182) }
```

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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