

Converting Colors

CIELCh(73, 5.187, 270.193)

Have a look what the booklet for
CIELCh(73, 5.187, 270.193) contains.

CIELCh(73, 5.181, 270.175)	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, 5.181, 270.175)

Conversions

Conversions Part 1

Format	Color
Hex	AFB4BD
RGB	175, 180, 189
RGB Percent	69%, 71%, 74%
CMY	0.3156, 0.2960, 0.2607
CMYK	0.07, 0.05, 0.00, 0.26
HSL	219°, 10%, 71%
HSV	219°, 7%, 74%
XYZ	42.9327, 45.1644, 54.3275
YIQ	179.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

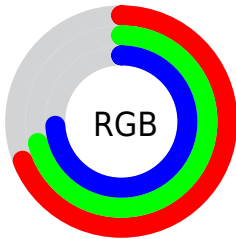
Format	Color
R_{YB}	175, 179, 189
Decimal	11515069
CIE Lab	73.00, 0.02, -5.18
CIE LCh	73, 5.181, 270.175
Yxy	45.1644, 0.3014, 0.3171
Android (android.graphics.Color)	4289705149 (0xFFAFB4BD)
YUV	179.5310, 4.6682, -3.9737
Hunter-Lab	67.2044, -3.5753, -0.8864

Details

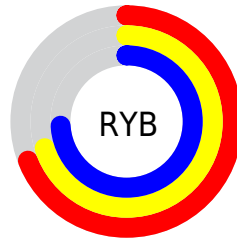
The CIELCh color $73, 5.181, 270.175$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.185, 88.190$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.931, 269.973$, and $53, 5.399, 274.338$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.225, 271.603$, and if you desaturate by 10%, it is $78, 1.775, 88.706$.

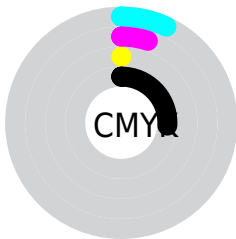
Distribution



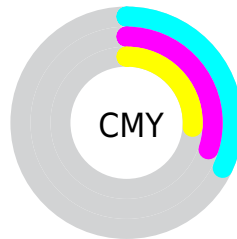
- Red (69%)
- Green (71%)
- Blue (74%)



- Red (69%)
- Yellow (70%)
- Blue (74%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (30%)
- Yellow (26%)
- Black (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.181, 270.175 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, 5.181, 270.175 by changing the saturation by 10% instead.

■ 73, 5.181, 270.175

■ 73, 5.181, 270.175

■ 100, 5.181,
270.175

■ 63, 5.181, 270.175

■ 93, 5.181, 270.175

■ 53, 5.181, 270.175

■ 43, 5.181, 270.175

■ 33, 5.181, 270.175

■ 23, 5.181, 270.175

■ 13, 5.181, 270.175

■ 3, 5.181, 270.175

■ 0, 5.181, 270.175

■ 73, 5.181, 270.175

■ 73, 5.181, 270.175

68, 12.225,
271.603

78, 1.775, 88.706

64, 19.359,
273.316

82, 8.637, 87.723

59, 26.584,
275.325

87, 15.401, 86.783

55, 33.914,
277.673

91, 22.065, 85.955

50, 41.371,
280.396

95, 26.928, 95.792

46, 48.991,
283.504

98, 32.139,
105.815

42, 56.810,
286.959

99, 33.441,
107.632

38, 64.831,
290.654

34, 72.970,

294.374

Harmonies

Complementary

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



73, 5.181, 270.175



75, 5.185, 88.190

Rectangle

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



73, 5.181, 270.175



73, 5.181, 320.175



73, 5.181, 90.175



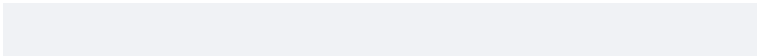
73, 5.181, 140.175

Sweetspot

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



73, 5.180, 270.158



95, 1.727, 269.579



75, 5.873, 170.920



51, 0.982, 269.576



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, 5.180, 270.158



91, 7.771, 270.387



72, 7.673, 295.996



37, 3.961, 270.416



28, 64.981, 294.737



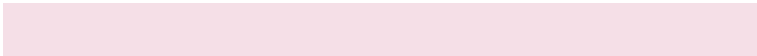
3, 13.199, 277.651

Inverse Universe

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



73, 5.944, 352.714



91, 8.937, 352.894



76, 7.540, 114.849



37, 4.557, 352.916



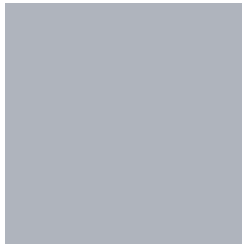
33, 59.819, 15.053



3, 13.080, 359.662

Previews

White Background



This preview shows how the CIE LCh color 73, 5.181, 270.175 looks on a white background.

Color Contrast Check

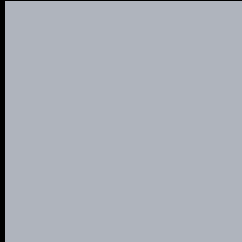
Large Text (above 18pt) WCAG AA × Fail

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, 5.181, 270.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

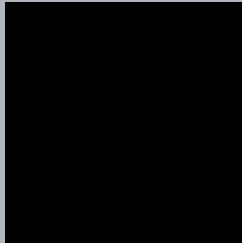
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

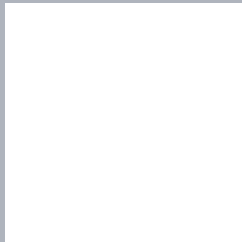
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.181, 270.175

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.181, 270.175.



This preview shows how white text looks on a background with the CIELCh color 73, 5.181, 270.175.

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, 5.181, 270.175

Protanopia

73, 5.496, 298.356

Deuteranopia

73, 10.988, 328.127



Tritanopia
73, 7.712, 280.181

Trichromacy



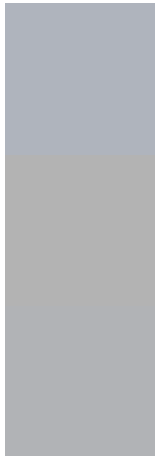
Original Color
73, 5.181, 270.175

Protanomaly
73, 4.898, 286.389

Deuteranomaly
73, 8.006, 318.152

Tritanomaly
73, 6.651, 278.280

Monochromacy



Original Color
73, 5.181, 270.175

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.784, 265.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.181, 270.175 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(175, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 180, 189)  
}
```

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(175, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.181, 270.175 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(175, 180, 189) }
```

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

```
.border{ border-color:rgb(175, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 180,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.181, 270.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 180, 189) }
```

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

```
.background{ background-color: rgb(175,  
180, 189) }
```

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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