

Converting Colors

CIELCh(73, 4.118, 177.927)

Have a look what the booklet for
CIELCh(73, 4.118, 177.927) contains.

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Color

CIELCh(73, 3.863, 182.890)

Conversions

Conversions Part 1

Format	Color
Hex	ABB5B3
RGB	171, 181, 179
RGB Percent	67%, 71%, 70%
CMY	0.3280, 0.2887, 0.2966
CMYK	0.06, 0.00, 0.01, 0.29
HSL	168°, 6%, 69%
HSV	168°, 6%, 71%
XYZ	41.6452, 45.1644, 49.3638
YIQ	177.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

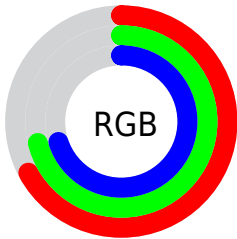
Format	Color
RYB	171, 177, 181
Decimal	11253171
CIELab	73.00, -3.86, -0.19
CIELCh	73, 3.863, 182.890
Yxy	45.1644, 0.3058, 0.3317
Android (android.graphics.Color)	4289443251 (0xFFABB5B3)
YUV	177.7820, 0.6005, -5.9478
Hunter-Lab	67.2044, -6.9950, 3.4927

Details

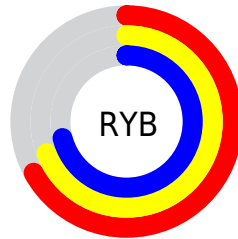
The CIELCh color $73, 3.863, 182.890$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 3.952, 3.609$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.013, 184.387$, and $53, 3.737, 181.061$ is the 20% darker color. If you saturate the color by 10%, you get $72, 10.730, 181.891$, and if you desaturate by 10%, it is $75, 3.176, 3.462$.

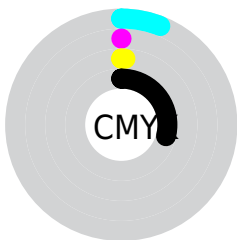
Distribution



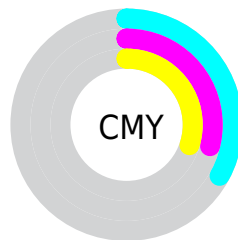
- Red (67%)
- Green (71%)
- Blue (70%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.863, 182.890 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, 3.863, 182.890 by changing the saturation by 10% instead.

■ 73, 3.863, 182.890

■ 73, 3.863, 182.890

■ 100, 3.863,
182.890

■ 63, 3.863, 182.890

■ 93, 3.863, 182.890

■ 53, 3.863, 182.890

■ 43, 3.863, 182.890

■ 33, 3.863, 182.890

■ 23, 3.863, 182.890

■ 13, 3.863, 182.890

■ 3, 3.863, 182.890

■ 0, 3.863, 182.890

■ 73, 3.863, 182.890

■ 73, 3.863, 182.890

72, 10.730,
181.891

75, 3.176, 3.462

70, 17.322,
180.925

76, 10.307, 4.395

69, 23.531,
179.910

78, 17.464, 5.213

68, 29.240,
178.825

81, 29.049, 5.020

81, 29.469, 1.396

68, 34.338,
177.651

81, 30.012,
357.895

67, 38.730,
176.367

81, 30.672,
354.541

67, 42.352,
174.948

81, 31.441,
351.348

66, 45.192,
173.375

66, 47.303,

171.636

Harmonies

Complementary

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



73, 3.863, 182.890



71, 3.952, 3.609

Rectangle

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



73, 3.863, 182.890



73, 3.863, 232.890



73, 3.863, 2.890



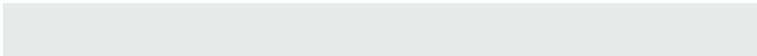
73, 3.863, 52.890

Sweetspot

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



73, 3.864, 182.872



93, 1.730, 183.386



73, 6.195, 138.100



49, 0.983, 183.414



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, 3.864, 182.872



92, 6.034, 182.703



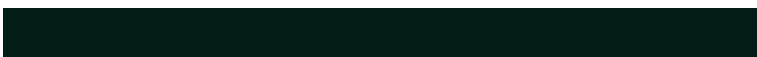
72, 3.030, 230.002



38, 3.200, 182.667



57, 42.849, 171.086



8, 11.605, 176.597

Inverse Universe

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



71, 3.952, 3.609



88, 6.206, 3.787



72, 3.117, 49.025



37, 3.296, 3.826



32, 63.797, 28.638



2, 10.906, 7.419

Previews

White Background



This preview shows how the CIELCh color 73, 3.863, 182.890 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 CIElCh color 73, 3.863, 182.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

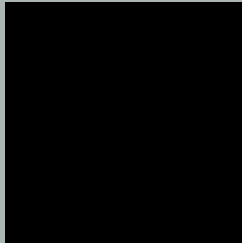
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

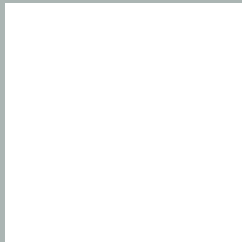
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.863, 182.890

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.863, 182.890.



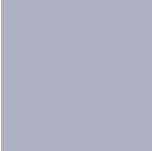
This preview shows how white text looks on a background with the CIELCh color 73, 3.863, 182.890.

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





Tritanopia
73, 7.779, 277.589

Trichromacy



Original Color
73, 3.863, 182.890

Protanomaly
73, 0.655, 144.774

Deuteranomaly
73, 4.354, 349.792

Tritanomaly
73, 4.990, 260.041

Monochromacy



Original Color
73, 3.863, 182.890

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.244, 173.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.863, 182.890 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(171, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 179)  
}
```

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(171, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.863, 182.890 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(171, 181, 179) }
```

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

```
.border{ border-color:rgb(171, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.863, 182.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 179) }
```

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

```
.background{ background-color: rgb(171,  
181, 179) }
```

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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