

Converting Colors

CIELCh(73, 5.984, 252.953)

Have a look what the booklet for
CIELCh(73, 5.984, 252.953) contains.

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Color

CIELCh(73, 5.816, 247.660)

Conversions

Conversions Part 1

Format	Color
Hex	AAB5BD
RGB	170, 181, 189
RGB Percent	67%, 71%, 74%
CMY	0.3340, 0.2909, 0.2596
CMYK	0.10, 0.04, 0.00, 0.26
HSL	205°, 13%, 70%
HSV	205°, 10%, 74%
XYZ	42.1895, 45.1644, 54.5317
YIQ	178.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

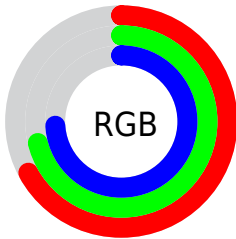
Format	Color
RYB	170, 177, 189
Decimal	11187645
CIELab	73.00, -2.21, -5.38
CIELCh	73, 5.816, 247.660
Yxy	45.1644, 0.2973, 0.3183
Android (android.graphics.Color)	4289377725 (0xFFAAB5BD)
YUV	178.6230, 5.1159, -7.5624
Hunter-Lab	67.2044, -5.5493, -1.0666

Details

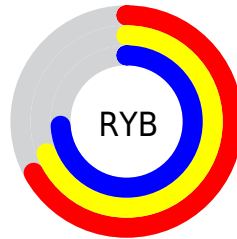
The CIELCh color `73, 5.816, 247.660` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 6.031, 65.267`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 5.787, 244.888`, and `53, 5.916, 250.830` is the 20% darker color. If you saturate the color by 10%, you get `70, 11.450, 249.010`, and if you desaturate by 10%, it is `77, 0.042, 256.337`.

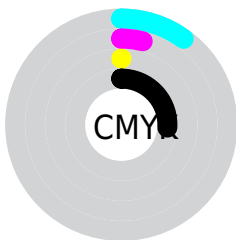
Distribution



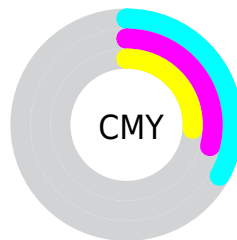
- Red (67%)
- Green (71%)
- Blue (74%)



- Red (67%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.816, 247.660 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, 5.816, 247.660 by changing the saturation by 10% instead.

■ 73, 5.816, 247.660

■ 73, 5.816, 247.660

■ 100, 5.816,
247.660

■ 63, 5.816, 247.660

■ 93, 5.816, 247.660

■ 53, 5.816, 247.660

■ 43, 5.816, 247.660

■ 33, 5.816, 247.660

■ 23, 5.816, 247.660

■ 13, 5.816, 247.660

■ 3, 5.816, 247.660

■ 0, 5.816, 247.660

■ 73, 5.816, 247.660

■ 73, 5.816, 247.660

70, 11.450,
249.010

77, 0.042, 256.337

66, 16.904,
250.694

80, 5.838, 65.362

63, 22.142,
252.740

84, 11.788, 64.577

59, 27.131,
255.218

87, 17.784, 63.893

56, 31.858,
258.197

90, 21.280, 70.002

53, 36.339,
261.730

92, 22.921, 81.969

50, 40.632,
265.831

94, 25.416, 91.884

48, 44.842,
270.437

96, 28.526, 99.751

45, 49.109,

98, 32.052,
105.903

Harmonies

Complementary

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



73, 5.816, 247.660



73, 6.031, 65.267

Rectangle

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



73, 5.816, 247.660



73, 5.816, 297.660



73, 5.816, 67.660



73, 5.816, 117.660

Sweetspot

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



73, 5.815, 247.643



95, 2.162, 246.964



75, 9.286, 158.679



50, 1.636, 247.007



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, 5.815, 247.643



91, 8.544, 247.908



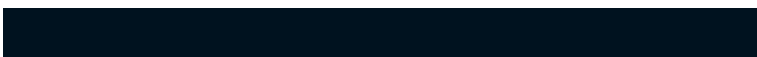
71, 9.535, 287.703



38, 3.277, 247.558



38, 42.576, 274.494



5, 10.677, 261.000

Inverse Universe

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



71, 9.344, 340.357



89, 13.791, 340.536



76, 9.353, 105.564



37, 5.258, 340.298



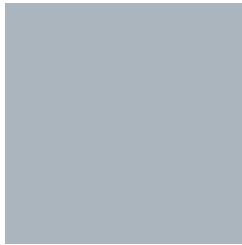
34, 60.727, 354.285



3, 14.650, 346.918

Previews

White Background



This preview shows how the CIELCh color 73, 5.816, 247.660 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, 5.816, 247.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

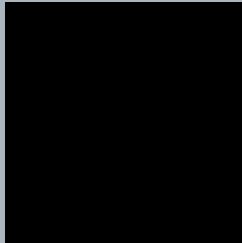
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

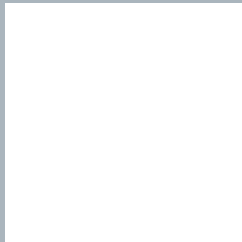
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.816, 247.660

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.816, 247.660.



This preview shows how white text looks on a background with the CIELCh color 73, 5.816, 247.660.

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, 5.816, 247.660

Protanopia

73, 4.959, 299.159

Deuteranopia

73, 10.768, 326.532



Tritanopia
73, 8.185, 267.840

Trichromacy



Original Color
73, 5.816, 247.660

Protanomaly
73, 4.993, 278.033

Deuteranomaly
73, 8.069, 309.378

Tritanomaly
73, 7.207, 264.248

Monochromacy



Original Color
73, 5.816, 247.660

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.184, 247.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.816, 247.660 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(170, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 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(170, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.816, 247.660 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(170, 181, 189) }
```

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

```
.border{ border-color:rgb(170, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.816, 247.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 189) }
```

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

```
.background{ background-color: rgb(170,  
181, 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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