

Converting Colors

CIELCh(73, 3.705, 313.678)

Have a look what the booklet for
CIELCh(73, 3.705, 313.678) contains.

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Color

CIELCh(73, 3.602, 314.757)

Conversions

Conversions Part 1

Format	Color
Hex	B6B2B8
RGB	182, 178, 184
RGB Percent	71%, 70%, 72%
CMY	0.2868, 0.3025, 0.2790
CMYK	0.01, 0.03, 0.00, 0.28
HSL	280°, 4%, 71%
HSV	280°, 3%, 72%
XYZ	43.7844, 45.1644, 51.6767
YIQ	179.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

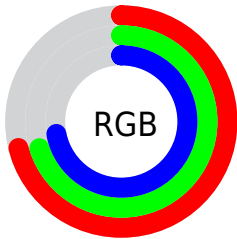
Format	Color
RYB	182, 178, 184
Decimal	11973304
CIELab	73.00, 2.54, -2.56
CIElCh	73, 3.602, 314.757
Yxy	45.1644, 0.3114, 0.3212
Android (android.graphics.Color)	4290163384 (0xFFB6B2B8)
YUV	179.8800, 2.0312, 1.8592
Hunter-Lab	67.2044, -1.3131, 1.4522

Details

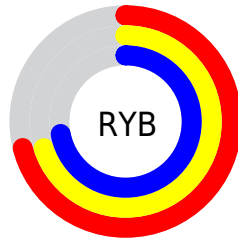
The CIELCh color $73, 3.602, 314.757$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 3.574, 134.576$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.426, 314.715$, and $53, 3.837, 314.818$ is the 20% darker color. If you saturate the color by 10%, you get $68, 14.786, 315.203$, and if you desaturate by 10%, it is $78, 7.314, 134.425$.

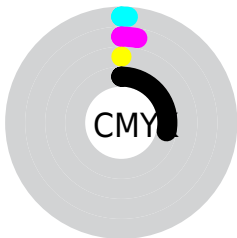
Distribution



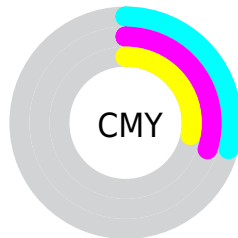
- Red (71%)
- Green (70%)
- Blue (72%)



- Red (71%)
- Yellow (70%)
- Blue (72%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.602, 314.757 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, 3.602, 314.757 by changing the saturation by 10% instead.

■ 73, 3.602, 314.757

■ 73, 3.602, 314.757

■ 100, 3.602,
314.757

■ 63, 3.602, 314.757

■ 93, 3.602, 314.757

■ 53, 3.602, 314.757

■ 43, 3.602, 314.757

■ 33, 3.602, 314.757

■ 23, 3.602, 314.757

■ 13, 3.602, 314.757

■ 3, 3.602, 314.757

■ 0, 3.602, 314.757

■ 73, 3.602, 314.757

■ 73, 3.602, 314.757

68, 14.786,
315.203

78, 7.314, 134.425

63, 26.188,
315.642

84, 17.929,
134.049

57, 37.702,
316.080

89, 28.235,
133.714

53, 49.158,
316.499

94, 38.235,
133.412

48, 60.284,
316.865

96, 39.368,
131.112

44, 70.684,
317.135

96, 38.469,
128.153

40, 79.827,
317.247

96, 37.678,
125.012

37, 87.103,
317.133

97, 37.005,
121.701

34, 91.987,

97, 36.466,
118.236

316.724

Harmonies

Complementary

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



73, 3.602, 314.757



74, 3.574, 134.576

Rectangle

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



73, 3.602, 314.757



73, 3.602, 4.757



73, 3.602, 134.757



73, 3.602, 184.757

Sweetspot

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



73, 3.600, 314.751



94, 1.373, 314.563



73, 2.245, 270.279



50, 0.780, 314.553



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, 3.600, 314.751



92, 5.480, 314.793



73, 3.578, 328.957



37, 3.126, 314.822



28, 83.238, 316.460



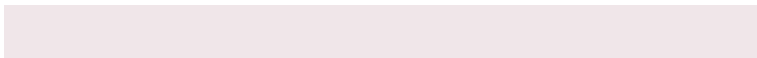
2, 16.521, 310.933

Inverse Universe

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



73, 2.507, 353.800



92, 3.819, 353.908



74, 3.562, 148.726



38, 2.180, 353.982



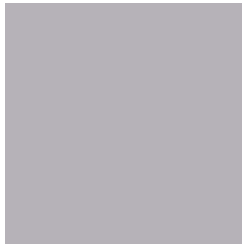
32, 59.548, 17.209



2, 11.335, 359.966

Previews

White Background



This preview shows how the CIELCh color 73, 3.602, 314.757 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, 3.602, 314.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

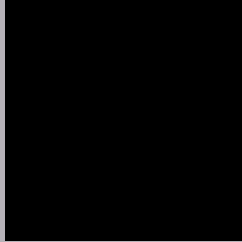
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

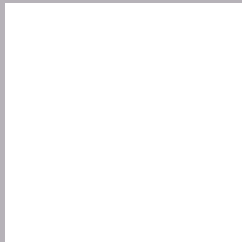
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.602, 314.757

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.602, 314.757.



This preview shows how white text looks on a background with the CIELCh color 73, 3.602, 314.757.

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, 3.602, 314.757

Protanopia

73, 3.462, 309.177

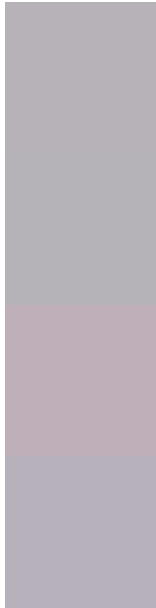
Deuteranopia

73, 9.596, 341.831



Tritanopia
73, 7.949, 306.873

Trichromacy



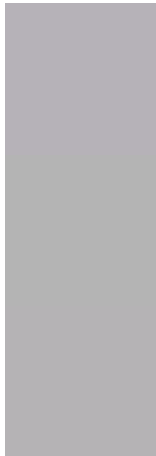
Original Color
73, 3.602, 314.757

Protanomaly
73, 3.462, 309.177

Deuteranomaly
73, 7.826, 336.173

Tritanomaly
73, 6.402, 310.867

Monochromacy



Original Color
73, 3.602, 314.757

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.331, 324.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.602, 314.757 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(182, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 184)  
}
```

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(182, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.602, 314.757 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(182, 178, 184) }
```

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

```
.border{ border-color:rgb(182, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.602, 314.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 184) }
```

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

```
.background{ background-color: rgb(182,  
178, 184) }
```

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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