

Converting Colors

CIELCh(73, 4.647, 319.940)

Have a look what the booklet for
CIELCh(73, 4.647, 319.940) contains.

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Color

CIELCh(73, 4.910, 317.438)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1B9
RGB	183, 177, 185
RGB Percent	72%, 69%, 73%
CMY	0.2813, 0.3048, 0.2734
CMYK	0.01, 0.04, 0.00, 0.27
HSL	285°, 5%, 71%
HSV	285°, 4%, 73%
XYZ	44.1529, 45.1644, 52.4389
YIQ	179.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

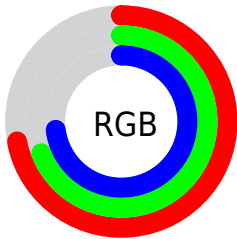
Format	Color
RYB	183, 177, 185
Decimal	12038585
CIELab	73.00, 3.62, -3.32
CIElCh	73, 4.910, 317.438
Yxy	45.1644, 0.3115, 0.3186
Android (android.graphics.Color)	4290228665 (0xFFB7B1B9)
YUV	179.7060, 2.6099, 2.8888
Hunter-Lab	67.2044, -0.3344, 0.7798

Details

The CIELCh color $73, 4.910, 317.438$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.880, 137.146$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.669, 317.388$, and $53, 5.230, 317.515$ is the 20% darker color. If you saturate the color by 10%, you get $68, 16.423, 317.889$, and if you desaturate by 10%, it is $78, 6.362, 137.091$.

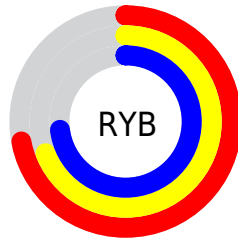
Distribution



Red (72%)

Green (69%)

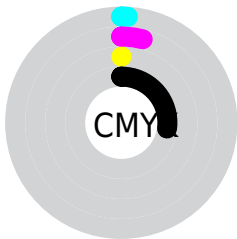
Blue (73%)



Red (72%)

Yellow (69%)

Blue (73%)

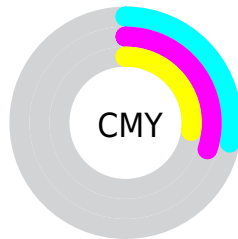


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.910, 317.438 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, 4.910, 317.438 by changing the saturation by 10% instead.

■ 73, 4.910, 317.438

■ 73, 4.910, 317.438

■ 100, 4.910,
317.438

■ 63, 4.910, 317.438

■ 93, 4.910, 317.438

■ 53, 4.910, 317.438

■ 43, 4.910, 317.438

■ 33, 4.910, 317.438

■ 23, 4.910, 317.438

■ 13, 4.910, 317.438

■ 3, 4.910, 317.438

■ 0, 4.910, 317.438

■ 73, 4.910, 317.438

■ 73, 4.910, 317.438

68, 16.423,
317.889

78, 6.362, 137.091

63, 28.101,
318.329

83, 17.343,
136.687

58, 39.807,
318.757

89, 28.015,
136.323

53, 51.326,
319.154

94, 38.373,
135.991

49, 62.339,
319.488

95, 39.712,
134.319

45, 72.413,
319.719

96, 38.948,
132.218

41, 81.009,
319.795

96, 38.234,
130.006

39, 87.576,
319.663

96, 37.577,
127.685

37, 91.724,

96, 36.984,
125.258

319.275

Harmonies

Complementary

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



73, 4.910, 317.438



75, 4.880, 137.146

Rectangle

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



73, 4.910, 317.438



73, 4.910, 7.438



73, 4.910, 137.438



73, 4.910, 187.438

Sweetspot

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



73, 4.908, 317.435



94, 1.404, 317.176



73, 3.271, 276.667



50, 0.798, 317.165



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, 4.908, 317.435



91, 7.011, 317.473



73, 4.494, 331.926



37, 3.839, 317.498



30, 82.009, 319.097



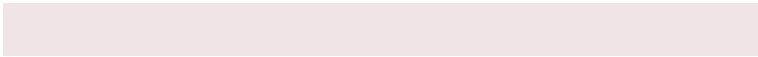
2, 16.932, 314.243

Inverse Universe

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



73, 3.205, 359.760



91, 4.582, 359.853



74, 4.475, 151.513



37, 2.511, 359.914



32, 61.909, 24.635



2, 11.045, 4.564

Previews

White Background



This preview shows how the CIELCh color 73, 4.910, 317.438 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, 4.910, 317.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

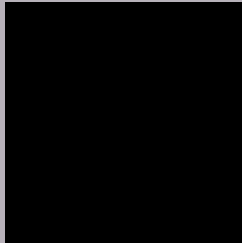
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

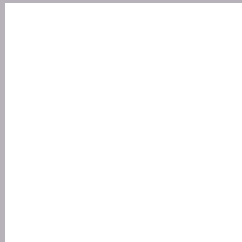
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.910, 317.438

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.910, 317.438.

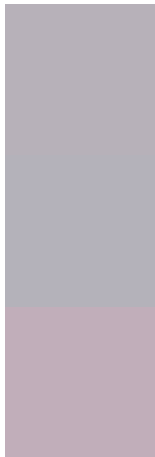


This preview shows how white text looks on a background with the CIELCh color 73, 4.910, 317.438.

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, 4.910, 317.438

Protanopia

73, 4.423, 300.170

Deuteranopia

73, 9.657, 337.871



Tritanopia
73, 8.195, 311.815

Trichromacy



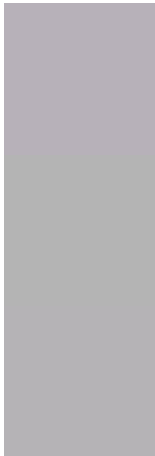
Original Color
73, 4.910, 317.438

Protanomaly
73, 4.503, 304.789

Deuteranomaly
73, 7.959, 331.455

Tritanomaly
73, 7.194, 314.907

Monochromacy



Original Color
73, 4.910, 317.438

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.805, 314.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.910, 317.438 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(183, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 185)  
}
```

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(183, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.910, 317.438 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(183, 177, 185) }
```

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

```
.border{ border-color:rgb(183, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.910, 317.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 185) }
```

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

```
.background{ background-color: rgb(183,  
177, 185) }
```

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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