

Converting Colors

CIELCh(73, 6.251, 146.149)

Have a look what the booklet for
CIELCh(73, 6.251, 146.149) contains.

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Color

CIELCh(73, 6.181, 146.993)

Conversions

Conversions Part 1

Format	Color
Hex	ACB6AD
RGB	172, 182, 173
RGB Percent	67%, 71%, 68%
CMY	0.3260, 0.2868, 0.3221
CMYK	0.05, 0.00, 0.05, 0.29
HSL	126°, 6%, 69%
HSV	126°, 5%, 71%
XYZ	41.2107, 45.1644, 46.0097
YIQ	177.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

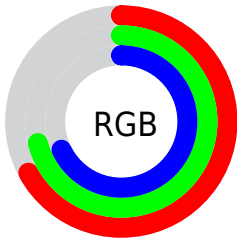
Format	Color
RYB	172, 181, 182
Decimal	11318957
CIELab	73.00, -5.18, 3.37
CIELCh	73, 6.181, 146.993
Yxy	45.1644, 0.3113, 0.3412
Android (android.graphics.Color)	4289509037 (0xFFACB6AD)
YUV	177.9840, -2.4571, -5.2480
Hunter-Lab	67.2044, -8.1491, 6.4518

Details

The CIELCh color **73, 6.181, 146.993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 6.201, 327.543**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 6.502, 146.775**, and **53, 5.886, 147.243** is the 20% darker color. If you saturate the color by 10%, you get **71, 17.540, 146.302**, and if you desaturate by 10%, it is **75, 5.030, 327.464**.

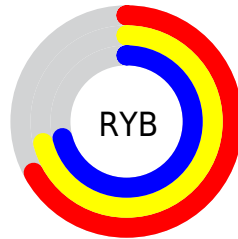
Distribution



Red (67%)

Green (71%)

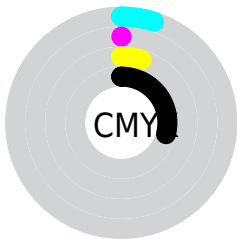
Blue (68%)



Red (67%)

Yellow (71%)

Blue (71%)

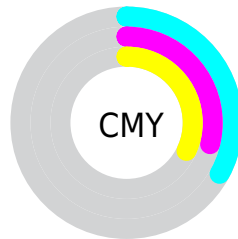


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (29%)



Cyan (33%)

Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.181, 146.993 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, 6.181, 146.993 by changing the saturation by 10% instead.

■ 73, 6.181, 146.993

■ 73, 6.181, 146.993

■ 100, 6.181,
146.993

■ 63, 6.181, 146.993

■ 93, 6.181, 146.993

■ 53, 6.181, 146.993

■ 43, 6.181, 146.993

■ 33, 6.181, 146.993

■ 23, 6.181, 146.993

■ 13, 6.181, 146.993

■ 3, 6.181, 146.993

■ 0, 6.181, 146.993

■ 73, 6.181, 146.993

■ 73, 6.181, 146.993

71, 17.540,
146.302

75, 5.030, 327.464

70, 28.912,
145.522

77, 16.008,
327.985

68, 40.129,
144.619

79, 26.694,
328.409

67, 50.974,
143.580

81, 37.053,
328.772

66, 61.185,
142.405

83, 45.689,
326.123

66, 70.460,
141.116

83, 45.815,
326.010

65, 78.474,
139.766

65, 84.894,
138.448

65, 89.439,

137.291

Harmonies

Complementary

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



73, 6.181, 146.993



71, 6.201, 327.543

Rectangle

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



73, 6.181, 146.993



73, 6.181, 196.993



73, 6.181, 326.993



73, 6.181, 16.993

Sweetspot

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



73, 6.183, 146.992



93, 2.776, 147.272



74, 5.412, 113.666



50, 1.591, 147.284



97, 0.011, 296.813



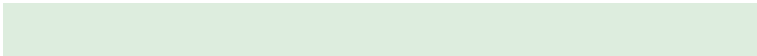
50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 6.183, 146.992



92, 9.779, 146.882



73, 4.319, 169.031



38, 5.144, 146.858



56, 80.737, 137.056



8, 17.968, 146.475

Inverse Universe

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



71, 6.201, 327.543



90, 9.802, 327.645



71, 4.373, 349.805



37, 5.156, 327.667



36, 73.938, 332.597



3, 16.995, 328.925

Previews

White Background



This preview shows how the CIELCh color 73, 6.181, 146.993 looks on a white background.

Color Contrast Check

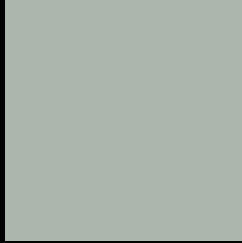
Large Text (above 18pt) WCAG AA × Fail

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, 6.181, 146.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

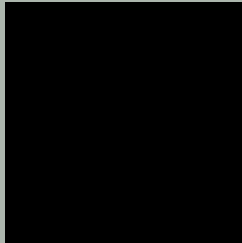
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

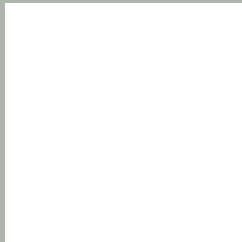
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.181, 146.993

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.181, 146.993.



This preview shows how white text looks on a background with the CIELCh color 73, 6.181, 146.993.

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, 6.181, 146.993

Protanopia

73, 4.408, 78.524

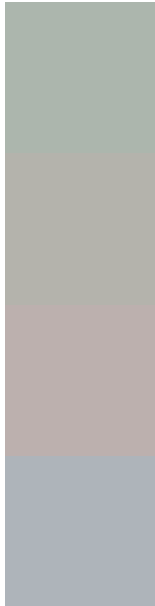
Deuteranopia

73, 9.635, 13.769



Tritanopia
73, 7.712, 280.181

Trichromacy



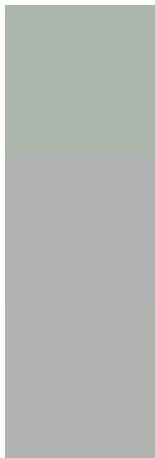
Original Color
73, 6.181, 146.993

Protanomaly
73, 3.799, 104.069

Deuteranomaly
73, 4.685, 33.012

Tritanomaly
73, 3.893, 256.317

Monochromacy



Original Color
73, 6.181, 146.993

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.981, 144.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.181, 146.993 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(172, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 182, 173)  
}
```

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(172, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 182, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.181, 146.993 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(172, 182, 173) }
```

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

```
.border{ border-color:rgb(172, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 182,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.181, 146.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 182, 173) }
```

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

```
.background{ background-color: rgb(172,  
182, 173) }
```

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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