

Converting Colors

CIELCh(73, 4.457, 7.676)

Have a look what the booklet for
CIELCh(73, 4.457, 7.676) contains.

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Color

CIELCh(73, 4.190, 12.230)

Conversions

Conversions Part 1

Format	Color
Hex	BCB1B2
RGB	188, 177, 178
RGB Percent	74%, 69%, 70%
CMY	0.2641, 0.3072, 0.3032
CMYK	0.00, 0.06, 0.05, 0.26
HSL	355°, 8%, 71%
HSV	355°, 6%, 74%
XYZ	44.3168, 45.1644, 48.3279
YIQ	180.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

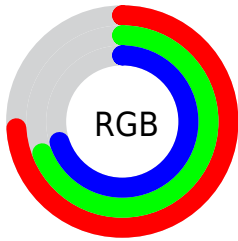
Format	Color
RYB	188, 177, 178
Decimal	12366258
CIELab	73.00, 4.09, 0.89
CIElCh	73, 4.190, 12.230
Yxy	45.1644, 0.3216, 0.3277
Android (android.graphics.Color)	4290556338 (0xFFBCB1B2)
YUV	180.4030, -1.1847, 6.6626
Hunter-Lab	67.2044, 0.1009, 4.4066

Details

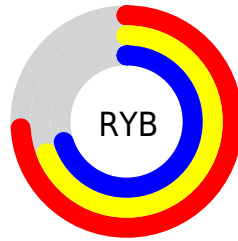
The CIELCh color $73, 4.190, 12.230$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.062, 191.599$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.974, 12.091$, and $53, 4.484, 12.438$ is the 20% darker color. If you saturate the color by 10%, you get $68, 11.721, 13.243$, and if you desaturate by 10%, it is $78, 2.860, 191.797$.

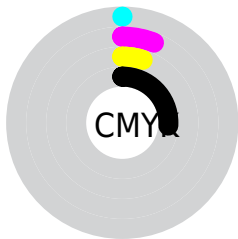
Distribution



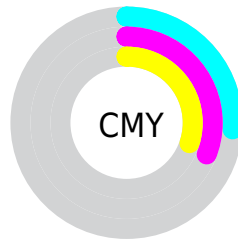
- Red (74%)
- Green (69%)
- Blue (70%)



- Red (74%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.190, 12.230 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, 4.190, 12.230 by changing the saturation by 10% instead.

 73, 4.190, 12.230

 73, 4.190, 12.230

 100, 4.190, 12.230

 63, 4.190, 12.230

 93, 4.190, 12.230

 53, 4.190, 12.230

 43, 4.190, 12.230

 33, 4.190, 12.230

 23, 4.190, 12.230

 13, 4.190, 12.230

 3, 4.190, 12.230

 0, 4.190, 12.230

 73, 4.190, 12.230

 73, 4.190, 12.230

68, 11.721, 13.243

78, 2.860, 191.797

63, 19.732, 14.381

84, 9.447, 191.036

58, 28.175, 15.785

89, 15.608,
190.472

53, 36.935, 17.553

95, 21.385,
189.994

49, 45.817, 19.802

45, 54.553, 22.661

96, 21.784,
198.075

43, 62.843, 26.219

41, 70.404, 30.420

39, 76.875, 34.836

Harmonies

Complementary

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



73, 4.190, 12.230



75, 4.062, 191.599

Rectangle

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



73, 4.190, 12.230



73, 4.190, 62.230



73, 4.190, 192.230



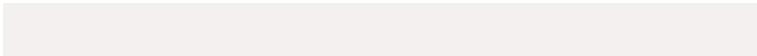
73, 4.190, 242.230

Sweetspot

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



73, 4.188, 12.251



95, 1.754, 11.712



73, 7.036, 321.963



51, 0.997, 11.684



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, 4.188, 12.251



92, 6.238, 12.379



74, 3.425, 63.183



38, 3.274, 12.415



33, 69.321, 35.776



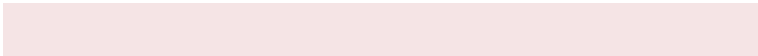
3, 12.317, 14.195

Inverse Universe

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



73, 4.188, 12.251



92, 6.238, 12.379



74, 3.355, 244.643



38, 3.274, 12.415



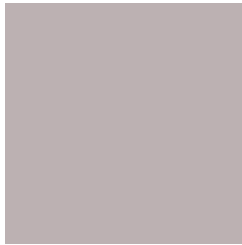
33, 69.321, 35.776



3, 12.317, 14.195

Previews

White Background



This preview shows how the CIELCh color 73, 4.190, 12.230 looks on a white background.

Color Contrast Check

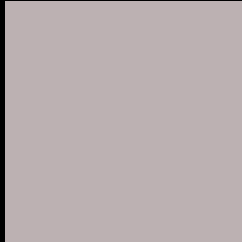
Large Text (above 18pt) WCAG AA × Fail

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, 4.190, 12.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

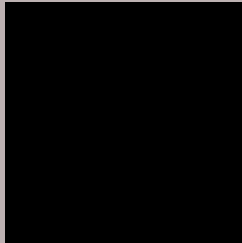
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

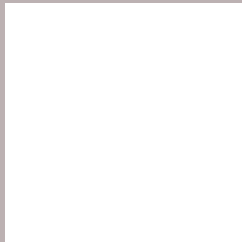
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.190, 12.230

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.190, 12.230.



This preview shows how white text looks on a background with the CIELCh color 73, 4.190, 12.230.

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, 4.190, 12.230

Protanopia

73, 1.601, 359.429

Deuteranopia

73, 9.524, 3.729



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 4.190, 12.230

Protanomaly
73, 2.322, 5.899

Deuteranomaly
73, 7.898, 4.154

Tritanomaly
73, 6.910, 335.017

Monochromacy



Original Color
73, 4.190, 12.230

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.499, 19.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.190, 12.230 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(188, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 178)  
}
```

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(188, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.190, 12.230 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(188, 177, 178) }
```

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

```
.border{ border-color:rgb(188, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.190, 12.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 178) }
```

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

```
.background{ background-color: rgb(188,  
177, 178) }
```

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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