

Converting Colors

CIELCh(73, 12.391, 142.482)

Have a look what the booklet for
CIELCh(73, 12.391, 142.482)
contains.

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Color

CIELCh(73, 12.391, 142.482)

Conversions

Conversions Part 1

Format	Color
Hex	A6B8A5
RGB	166, 184, 165
RGB Percent	65%, 72%, 65%
CMY	0.3486, 0.2780, 0.3525
CMYK	0.10, 0.00, 0.10, 0.28
HSL	117°, 12%, 68%
HSV	117°, 10%, 72%
XYZ	39.7119, 45.1644, 42.2721
YIQ	176.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

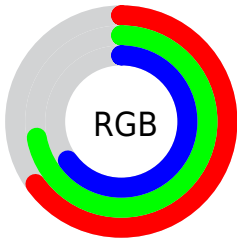
Format	Color
RYB	165, 184, 183
Decimal	10926245
CIELab	73.00, -9.83, 7.55
CIELCh	73, 12.391, 142.482
Yxy	45.1644, 0.3123, 0.3552
Android (android.graphics.Color)	4289116325 (0xFFA6B8A5)
YUV	176.4520, -5.6458, -9.1664
Hunter-Lab	67.2044, -12.1301, 9.7492

Details

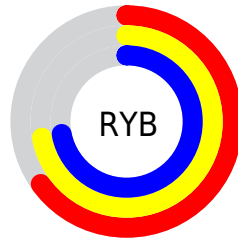
The CIELCh color **73, 12.391, 142.482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 12.423, 323.534**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.404, 142.664**, and **53, 12.503, 142.217** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.502, 141.833**, and if you desaturate by 10%, it is **75, 0.376, 143.626**.

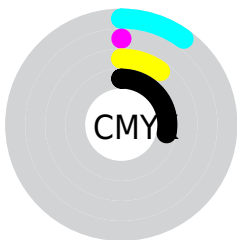
Distribution



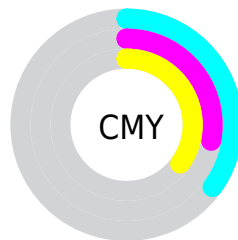
- Red (65%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (35%)
- Magenta (28%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.391, 142.482 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, 12.391, 142.482 by changing the saturation by 10% instead.


 73, 12.391,
142.482


 73, 12.391,
142.482


 100, 12.391,
142.482


 63, 12.391,
142.482


 93, 12.391,
142.482

 53, 12.391,
142.482

 43, 12.391,
142.482

 33, 12.391,
142.482

 23, 12.391,
142.482

 13, 12.391,
142.482

 3, 12.391, 142.482

0, 12.391, 142.482

73, 12.391,
142.482

73, 12.391,
142.482

71, 24.502,
141.833

75, 0.376, 143.626

70, 36.547,
141.088

77, 11.437,
323.457

69, 48.316,
140.243

79, 22.974,
323.862

68, 59.533,
139.311

81, 34.189,
324.200

67, 69.844,
138.332

83, 44.137,
325.287

66, 78.817,
137.384

83, 44.421,
325.963

■ 66, 85.961,
136.586

■ 65, 90.829,
136.073

■ 65, 93.499,
135.797

Harmonies

Complementary

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



73, 12.391, 142.482



70, 12.423, 323.534

Rectangle

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



73, 12.391, 142.482



73, 12.391, 192.482



73, 12.391, 322.482



73, 12.391, 12.482

Sweetspot

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



73, 12.393, 142.483



94, 4.434, 142.934



74, 9.563, 106.321



50, 3.363, 142.878



97, 0.011, 296.813



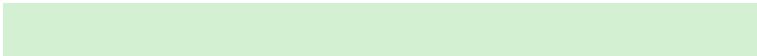
50, 0.007, 296.813

Same Dimension

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



73, 12.393, 142.483



92, 17.872, 142.367



73, 9.221, 159.454



38, 6.782, 142.543



56, 82.495, 135.747



8, 18.660, 143.414

Inverse Universe

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



70, 12.423, 323.534



88, 17.914, 323.632



70, 9.314, 340.990



36, 6.798, 323.481



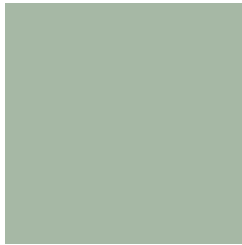
35, 80.110, 326.197



3, 18.333, 322.509

Previews

White Background



This preview shows how the CIELCh color 73, 12.391, 142.482 looks on a white background.

Color Contrast Check

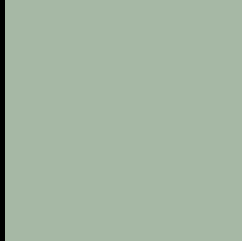
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 12.391, 142.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

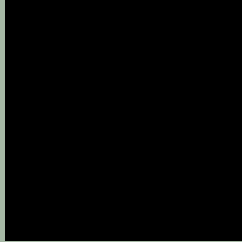
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

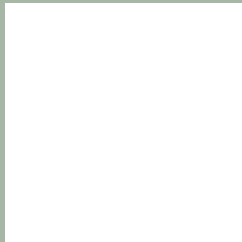
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.391, 142.482

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.391, 142.482.



This preview shows how white text looks on a background with the CIELCh color 73, 12.391, 142.482.

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, 12.391, 142.482

Protanopia

73, 9.187, 89.506

Deuteranopia

73, 11.034, 37.231



Tritanopia
73, 8.185, 267.840

Trichromacy



Original Color
73, 12.391, 142.482

Protanomaly
73, 9.198, 111.679

Deuteranomaly
73, 7.306, 73.958

Tritanomaly
73, 4.491, 213.194

Monochromacy



Original Color
73, 12.391, 142.482

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 4.637, 144.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.391, 142.482 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(166, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(166, 184, 165)  
}
```

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(166, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 184, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.391, 142.482 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(166, 184, 165) }
```

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

```
.border{ border-color:rgb(166, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(166, 184,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.391, 142.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 184, 165) }
```

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

```
.background{ background-color: rgb(166,  
184, 165) }
```

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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