

Converting Colors

CIELCh(73, 29.786, 142.899)

Have a look what the booklet for
CIELCh(73, 29.786, 142.899)
contains.

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Color

CIELCh(73, 29.152, 142.931)

Conversions

Conversions Part 1

Format	Color
Hex	92BE92
RGB	146, 190, 146
RGB Percent	57%, 75%, 57%
CMY	0.4264, 0.2538, 0.4264
CMYK	0.23, 0.00, 0.23, 0.25
HSL	120°, 25%, 66%
HSV	120°, 23%, 75%
XYZ	35.5826, 45.1644, 34.1428
YIQ	171.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

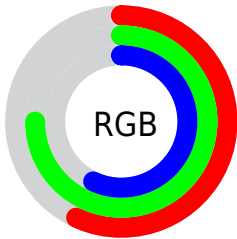
Format	Color
RYB	146, 190, 190
Decimal	9617042
CIELab	73.00, -23.26, 17.57
CIElCh	73, 29.152, 142.931
Yxy	45.1644, 0.3097, 0.3931
Android (android.graphics.Color)	4287807122 (0xFF92BE92)
YUV	171.8280, -12.7332, -22.6512
Hunter-Lab	67.2044, -23.0977, 16.9212

Details

The CIELCh color **73, 29.152, 142.931** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 29.168, 325.686**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.810, 142.707**, and **53, 29.093, 142.984** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.661, 142.084**, and if you desaturate by 10%, it is **75, 16.503, 143.664**.

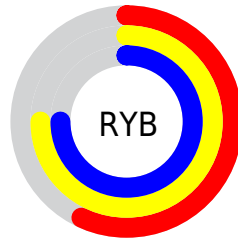
Distribution



Red (57%)

Green (75%)

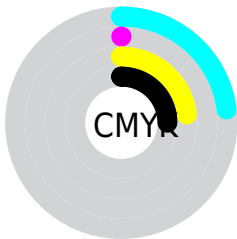
Blue (57%)



Red (57%)

Yellow (75%)

Blue (75%)

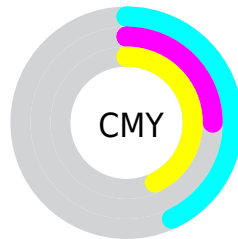


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (25%)



Cyan (43%)


Magenta (25%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 29.152, 142.931 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, 29.152, 142.931 by changing the saturation by 10% instead.


 73, 29.152,
142.931


 73, 29.152,
142.931


 100, 29.152,
142.931


 63, 29.152,
142.931


 93, 29.152,
142.931


 53, 29.152,
142.931

 43, 29.152,
142.931

 33, 29.152,
142.931

 23, 29.152,
142.931

 13, 29.152,
142.931

 3, 29.152, 142.931

0, 29.152, 142.931

73, 29.152,
142.931

73, 29.152,
142.931

72, 41.661,
142.084

75, 16.503,
143.664

70, 53.767,
141.116

76, 3.904, 144.330

69, 65.138,
140.044

78, 8.503, 324.760

81, 20.623,
325.219

69, 75.368,
138.915

83, 32.398,
325.597

68, 83.981,
137.821

85, 40.583,
325.832

68, 90.474,
136.896

■ 67, 94.473,
136.279

■ 67, 96.109,
136.016

Harmonies

Complementary

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



73, 29.152, 142.931



66, 29.168, 325.686

Rectangle

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



73, 29.152, 142.931



73, 29.152, 192.931



73, 29.152, 322.931



73, 29.152, 12.931

Sweetspot

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



73, 29.154, 142.931



96, 10.842, 144.060



76, 23.067, 107.258



51, 7.105, 144.021



99, 0.012, 296.813



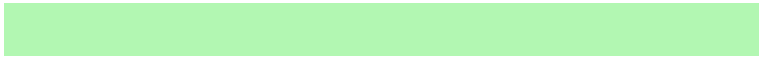
52, 0.007, 296.813

Same Dimension

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



73, 29.154, 142.931



91, 43.646, 142.496



73, 20.422, 160.747



39, 7.057, 143.916



57, 83.795, 136.016



9, 21.678, 144.391

Inverse Universe

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



66, 29.168, 325.686



81, 43.647, 325.969



65, 20.968, 344.769



37, 7.068, 324.926



37, 80.849, 328.230



3, 21.489, 325.457

Previews

White Background



This preview shows how the CIELCh color 73, 29.152, 142.931 looks on a white background.

Color Contrast Check

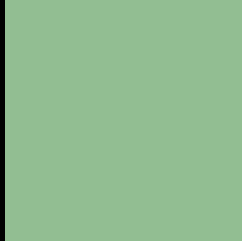
Large Text (above 18pt) WCAG AA × Fail

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, 29.152, 142.931 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, 29.152, 142.931

Background



This preview shows how black text looks on a background with the CIELCh color 73, 29.152, 142.931.

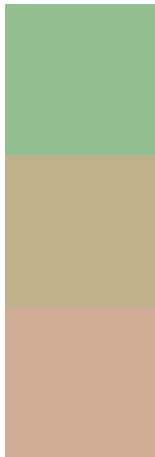


This preview shows how white text looks on a background with the CIELCh color 73, 29.152, 142.931.

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](#).

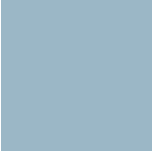
Dichromacy



Original Color
73, 29.152, 142.931

Protanopia
73, 20.556, 94.480

Deuteranopia
73, 18.337, 60.349



Tritanopia
73, 12.427, 240.007

Trichromacy



Original Color
73, 29.152, 142.931

Protanomaly
73, 21.232, 116.755

Deuteranomaly
73, 16.311, 101.566

Tritanomaly
73, 12.880, 181.188

Monochromacy



Original Color
73, 29.152, 142.931

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.660, 143.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 29.152, 142.931 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(146, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 146)  
}
```

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(146, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 29.152, 142.931 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(146, 190, 146) }
```

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

```
.border{ border-color:rgb(146, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 29.152, 142.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 146) }
```

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

```
.background{ background-color: rgb(146,  
190, 146) }
```

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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