

Converting Colors

CIELCh(73, 25.403, 150.073)

Have a look what the booklet for
CIELCh(73, 25.403, 150.073)
contains.

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Color

CIELCh(73, 25.474, 149.601)

Conversions

Conversions Part 1

Format	Color
Hex	91BE9B
RGB	145, 190, 155
RGB Percent	57%, 75%, 61%
CMY	0.4317, 0.2552, 0.3925
CMYK	0.24, 0.00, 0.18, 0.26
HSL	133°, 26%, 66%
HSV	133°, 24%, 74%
XYZ	35.9658, 45.1644, 37.7952
YIQ	172.5550, -15.5850, -20.4250

Conversions

Conversions Part 2

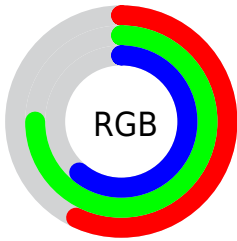
Format	Color
RYB	145, 182, 190
Decimal	9551515
CIELab	73.00, -21.97, 12.89
CIElCh	73, 25.474, 149.601
Yxy	45.1644, 0.3024, 0.3798
Android (android.graphics.Color)	4287741595 (0xFF91BE9B)
YUV	172.5550, -8.6546, -24.1657
Hunter-Lab	67.2044, -22.0800, 13.6990

Details

The CIELCh color $73, 25.474, 149.601$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $65, 25.606, 332.840$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 25.282, 149.077$, and $53, 25.214, 150.145$ is the 20% darker color. If you saturate the color by 10%, you get $72, 36.144, 148.668$, and if you desaturate by 10%, it is $75, 14.691, 150.412$.

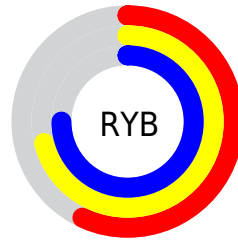
Distribution



Red (57%)

Green (75%)

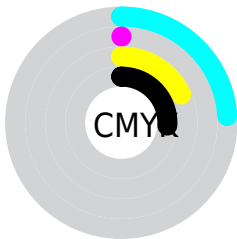
Blue (61%)



Red (57%)

Yellow (71%)

Blue (75%)

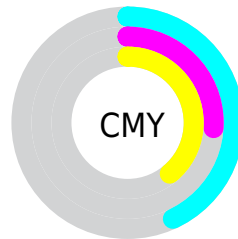


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (26%)



Cyan (43%)


Magenta (26%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.474, 149.601 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, 25.474, 149.601 by changing the saturation by 10% instead.


 73, 25.474,
149.601


 73, 25.474,
149.601


 100, 25.474,
149.601


 63, 25.474,
149.601


 93, 25.474,
149.601

 53, 25.474,
149.601

 43, 25.474,
149.601

 33, 25.474,
149.601

 23, 25.474,
149.601

 13, 25.474,
149.601

 3, 25.474, 149.601

0, 25.474, 149.601

73, 25.474,
149.601

73, 25.474,
149.601

72, 36.144,
148.668

75, 14.691,
150.412

70, 46.514,
147.592

76, 3.935, 151.162

69, 56.377,
146.356

78, 6.681, 331.642

69, 65.507,
144.953

80, 17.076,
332.196

68, 73.678,
143.395

82, 27.198,
332.665

68, 80.685,
141.722

84, 36.185,
331.306

85, 40.809,

■ 67, 86.361,
140.009

325.840

■ 67, 89.287,
139.023

Harmonies

Complementary

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



73, 25.474, 149.601



65, 25.606, 332.840

Rectangle

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



73, 25.474, 149.601



73, 25.474, 199.601



73, 25.474, 329.601



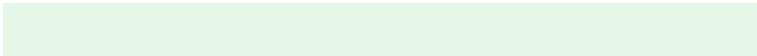
73, 25.474, 19.601

Sweetspot

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



73, 25.476, 149.601



96, 9.271, 150.899



75, 24.315, 117.071



51, 6.076, 150.854



99, 0.012, 296.813



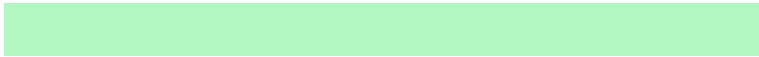
52, 0.007, 296.813

Same Dimension

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



73, 25.476, 149.601



92, 37.293, 149.173



74, 17.622, 174.882



39, 6.034, 150.735



57, 77.497, 139.274



9, 19.436, 148.917

Inverse Universe

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



65, 25.606, 332.840



80, 37.495, 333.169



65, 18.954, 359.593



37, 6.055, 331.875



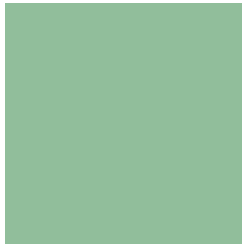
35, 68.241, 339.375



3, 17.252, 335.418

Previews

White Background



This preview shows how the CIELCh color 73, 25.474, 149.601 looks on a white background.

Color Contrast Check

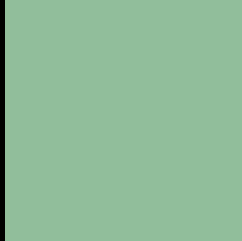
Large Text (above 18pt) WCAG AA × Fail

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, 25.474, 149.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

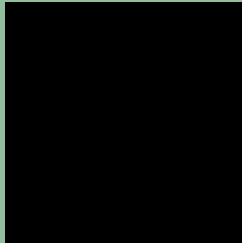
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

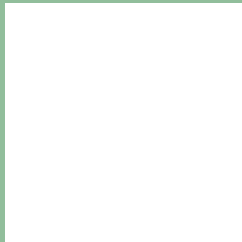
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 25.474, 149.601

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.474, 149.601.



This preview shows how white text looks on a background with the CIELCh color 73, 25.474, 149.601.

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, 25.474, 149.601

Protanopia
73, 16.169, 94.309

Deuteranopia
73, 14.246, 49.673



Tritanopia
73, 13.167, 237.162

Trichromacy



Original Color
73, 25.474, 149.601

Protanomaly
73, 17.191, 121.714

Deuteranomaly
73, 11.405, 103.159

Tritanomaly
73, 12.918, 191.127

Monochromacy



Original Color
73, 25.474, 149.601

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.596, 151.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.474, 149.601 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(145, 190, 155)` looks like.

```
.text, #text, p{  
    color:rgb(145, 190, 155)  
}
```

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(145, 190, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 190, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.474, 149.601 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(145, 190, 155) }
```

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

```
.border{ border-color:rgb(145, 190, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 190, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 190, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 190, 155);  
box-shadow:4px 4px 4px 4px rgb(145, 190,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.474, 149.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 190, 155) }
```

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

```
.background{ background-color: rgb(145,  
190, 155) }
```

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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