

Converting Colors

CIELCh(73, 9.357, 123.803)

Have a look what the booklet for
CIELCh(73, 9.357, 123.803) contains.

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Color

CIELCh(73, 9.586, 125.491)

Conversions

Conversions Part 1

Format	Color
Hex	AFB6A5
RGB	175, 182, 165
RGB Percent	69%, 71%, 65%
CMY	0.3146, 0.2871, 0.3538
CMYK	0.04, 0.00, 0.09, 0.29
HSL	85°, 10%, 68%
HSV	85°, 9%, 71%
XYZ	41.0860, 45.1644, 42.0476
YIQ	177.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

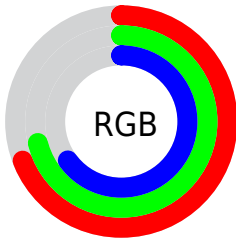
Format	Color
RYB	165, 182, 172
Decimal	11515557
CIELab	73.00, -5.57, 7.80
CIElCh	73, 9.586, 125.491
Yxy	45.1644, 0.3202, 0.3520
Android (android.graphics.Color)	4289705637 (0xFFAFB6A5)
YUV	177.9690, -6.3937, -2.6038
Hunter-Lab	67.2044, -8.4802, 9.9473

Details

The CIELCh color $73, 9.586, 125.491$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69, 9.740, 306.385$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.607, 124.729$, and $53, 9.544, 123.986$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.842, 124.992$, and if you desaturate by 10%, it is $74, 0.674, 305.842$.

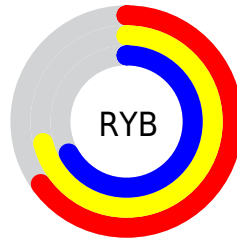
Distribution



Red (69%)

Green (71%)

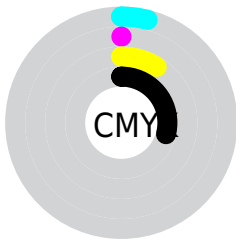
Blue (65%)



Red (65%)

Yellow (71%)

Blue (67%)

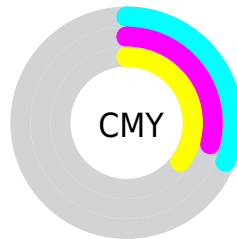


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.586, 125.491 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, 9.586, 125.491 by changing the saturation by 10% instead.

73, 9.586, 125.491

73, 9.586, 125.491

100, 9.586,
125.491

63, 9.586, 125.491

93, 9.586, 125.491

53, 9.586, 125.491

43, 9.586, 125.491

33, 9.586, 125.491

23, 9.586, 125.491

13, 9.586, 125.491

3, 9.586, 125.491

0, 9.586, 125.491

73, 9.586, 125.491

73, 9.586, 125.491

72, 19.842,
124.992

74, 0.674, 305.842

71, 30.012,
124.483

75, 10.892,
306.403

70, 39.990,
123.987

76, 21.025,
306.820

70, 49.617,
123.541

78, 31.049,
307.200

69, 58.661,
123.202

79, 40.594,
307.663

68, 66.794,
123.051

79, 41.215,
311.072

68, 73.597,
123.200

80, 41.969,
314.420

67, 78.646,
123.768

81, 42.853,
317.687

67, 81.973,

82, 43.861,
320.854

124.746

Harmonies

Complementary

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



73, 9.586, 125.491



69, 9.740, 306.385

Rectangle

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



73, 9.586, 125.491



73, 9.586, 175.491



73, 9.586, 305.491



73, 9.586, 355.491

Sweetspot

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



73, 9.588, 125.496



93, 3.808, 125.817



71, 5.387, 62.881



50, 2.912, 125.773



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, 9.588, 125.496



92, 14.002, 125.404



72, 10.936, 141.257



38, 5.856, 125.496



58, 73.122, 124.611



9, 16.512, 130.264

Inverse Universe

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



69, 9.740, 306.385



86, 14.262, 306.482



69, 10.972, 322.143



36, 5.949, 306.384



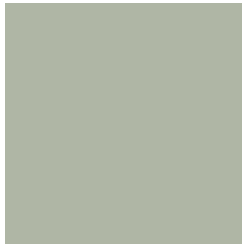
22, 87.743, 310.226



1, 15.761, 302.103

Previews

White Background



This preview shows how the CIELCh color 73, 9.586, 125.491 looks on a white background.

Color Contrast Check

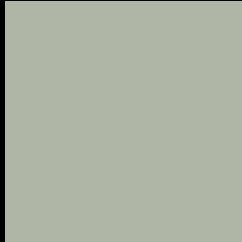
Large Text (above 18pt) WCAG AA × Fail

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, 9.586, 125.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

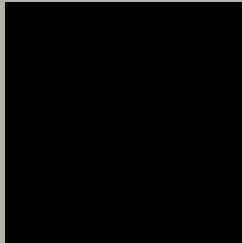
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

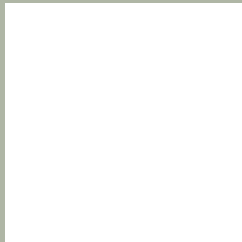
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.586, 125.491

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.586, 125.491.



This preview shows how white text looks on a background with the CIELCh color 73, 9.586, 125.491.

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, 9.586, 125.491

Protanopia

73, 8.677, 88.386

Deuteranopia

73, 11.417, 36.671



Tritanopia
73, 7.623, 293.637

Trichromacy



Original Color
73, 9.586, 125.491

Protanomaly
73, 8.185, 101.241

Deuteranomaly
73, 7.943, 62.525

Tritanomaly
73, 1.784, 265.913

Monochromacy



Original Color
73, 9.586, 125.491

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.339, 122.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.586, 125.491 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(175, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 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(175, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.586, 125.491 is called "border". The border property can be set on classes, ids or directly on the HTML element.

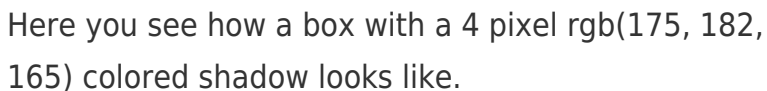
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 182, 165) }
```

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

```
.border{ border-color:rgb(175, 182, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 182, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 182, 165); box-shadow:4px 4px 4px 4px rgb(175, 182, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.586, 125.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 165) }
```

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

```
.background{ background-color: rgb(175,  
182, 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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