

Converting Colors

CIELCh(75, 24.900, 117.965)

Have a look what the booklet for
CIELCh(75, 24.900, 117.965)
contains.

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Color

CIELCh(75, 24.923, 117.957)

Conversions

Conversions Part 1

Format	Color
Hex	B3BE90
RGB	179, 190, 144
RGB Percent	70%, 75%, 56%
CMY	0.2990, 0.2559, 0.4362
CMYK	0.06, 0.00, 0.24, 0.26
HSL	74°, 26%, 65%
HSV	74°, 24%, 74%
XYZ	41.9072, 48.2781, 33.3989
YIQ	181.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

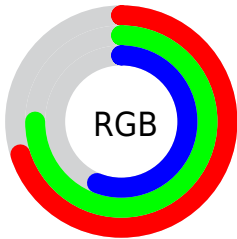
Format	Color
RYB	144, 190, 155
Decimal	11779728
CIELab	75.00, -11.68, 22.01
CIELCh	75, 24.923, 117.957
Yxy	48.2781, 0.3391, 0.3906
Android (android.graphics.Color)	4289969808 (0xFFB3BE90)
YUV	181.4670, -18.4712, -2.1636
Hunter-Lab	69.4824, -13.9350, 20.1381

Details

The CIELCh color **75, 24.923, 117.957** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 26.216, 301.269**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.784, 117.838**, and **55, 25.259, 117.956** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.995, 117.325**, and if you desaturate by 10%, it is **76, 14.687, 118.604**.

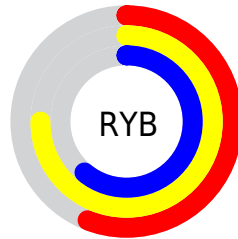
Distribution



Red (70%)

Green (75%)

Blue (56%)



Red (56%)

Yellow (75%)

Blue (61%)

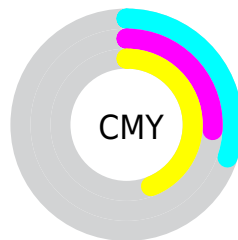


Cyan (6%)

Magenta (0%)

Yellow (24%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.923, 117.957 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 75, 24.923, 117.957 by changing the saturation by 10% instead.


 75, 24.923,
117.957


 75, 24.923,
117.957


 100, 24.923,
117.957


 65, 24.923,
117.957


 95, 24.923,
117.957

 55, 24.923,
117.957

 45, 24.923,
117.957

 35, 24.923,
117.957

 25, 24.923,
117.957

 15, 24.923,
117.957

 5, 24.923, 117.957

0, 24.923, 117.957

75, 24.923,
117.957

75, 24.923,
117.957

74, 34.995,
117.325

76, 14.687,
118.604

74, 44.765,
116.726

77, 4.371, 119.242

73, 54.034,
116.205

77, 5.963, 299.844

78, 16.271,
300.429

73, 62.510,
115.823

79, 26.522,
300.980

72, 69.791,
115.662

80, 35.328,
301.755

72, 75.410,
115.821

81, 35.573,

■ 72, 79.006,
116.386

304.145

■ 71, 80.440,
116.835

■ 81, 35.876,
306.523

■ 81, 36.237,
308.881

Harmonies

Complementary

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



75, 24.923, 117.957



62, 26.216, 301.269

Rectangle

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



75, 24.923, 117.957



75, 24.923, 167.957



75, 24.923, 297.957



75, 24.923, 347.957

Sweetspot

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



75, 24.925, 117.960



97, 8.959, 119.059



67, 15.576, 42.697



52, 5.869, 119.020



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 24.925, 117.960



95, 36.884, 117.625



73, 28.005, 135.636



40, 5.822, 118.917



60, 70.217, 116.664



10, 17.634, 121.963

Inverse Universe

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



62, 26.216, 301.269



75, 39.276, 301.732



64, 28.447, 317.809



37, 5.938, 300.110



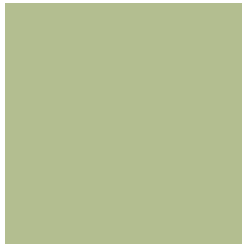
20, 91.602, 307.716



1, 17.590, 297.274

Previews

White Background



This preview shows how the CIELCh color 75, 24.923, 117.957 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 75, 24.923, 117.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

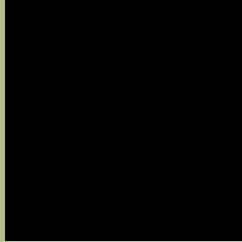
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

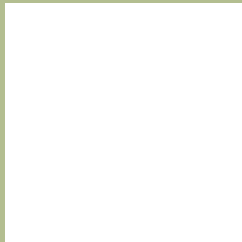
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 24.923, 117.957

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.923, 117.957.



This preview shows how white text looks on a background with the CIELCh color 75, 24.923, 117.957.

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
75, 24.923, 117.957

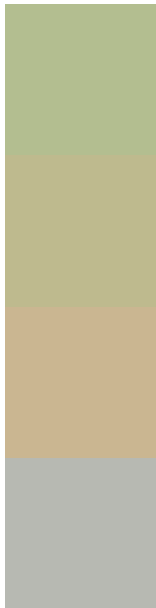
Protanopia
75, 23.644, 95.012

Deuteranopia
75, 23.022, 66.054



Tritanopia
75, 7.662, 299.023

Trichromacy



Original Color
75, 24.923, 117.957

Protanomaly
75, 23.573, 103.983

Deuteranomaly
75, 21.516, 86.059

Tritanomaly
75, 3.845, 121.058

Monochromacy



Original Color
75, 24.923, 117.957

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.295, 118.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.923, 117.957 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(179, 190, 144)` looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 144)  
}
```

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(179, 190, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.923, 117.957 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(179, 190, 144) }
```

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

```
.border{ border-color:rgb(179, 190, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 190, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 190, 144); box-shadow:4px 4px 4px 4px rgb(179, 190, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.923, 117.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 144) }
```

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

```
.background{ background-color: rgb(179,  
190, 144) }
```

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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