

Converting Colors

CIELCh(75, 10.753, 145.652)

Have a look what the booklet for
CIELCh(75, 10.753, 145.652)
contains.

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Color

CIELCh(75, 10.770, 145.550)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDAD
RGB	172, 189, 173
RGB Percent	67%, 74%, 68%
CMY	0.3249, 0.2582, 0.3209
CMYK	0.09, 0.00, 0.08, 0.26
HSL	124°, 11%, 71%
HSV	124°, 9%, 74%
XYZ	42.8400, 48.2781, 46.6777
YIQ	182.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

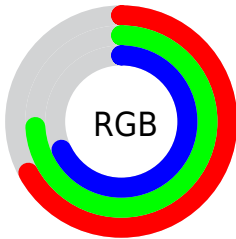
Format	Color
R _{YB}	172, 188, 189
Decimal	11320749
CIE Lab	75.00, -8.88, 6.09
CIE LCh	75, 10.770, 145.550
Yxy	48.2781, 0.3109, 0.3504
Android (android.graphics.Color)	4289510829 (0xFFACBDAD)
YUV	182.0930, -4.4828, -8.8516
Hunter-Lab	69.4824, -11.5386, 8.8072

Details

The CIELCh color **75, 10.770, 145.550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 10.791, 326.537**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.873, 145.558**, and **55, 10.759, 145.489** is the 20% darker color. If you saturate the color by 10%, you get **73, 22.865, 144.846**, and if you desaturate by 10%, it is **77, 1.210, 325.899**.

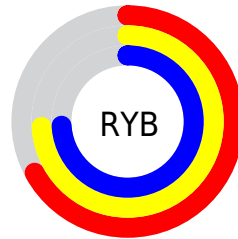
Distribution



Red (67%)

Green (74%)

Blue (68%)



Red (67%)

Yellow (74%)

Blue (74%)

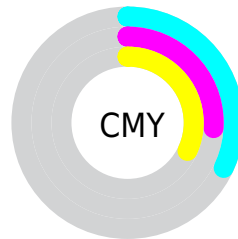


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (26%)



Cyan (32%)


Magenta (26%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.770, 145.550 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, 10.770, 145.550 by changing the saturation by 10% instead.


 75, 10.770,
145.550


 75, 10.770,
145.550


 100, 10.770,
145.550


 65, 10.770,
145.550


 95, 10.770,
145.550

 55, 10.770,
145.550

 45, 10.770,
145.550

 35, 10.770,
145.550

 25, 10.770,
145.550

 15, 10.770,
145.550

 5, 10.770, 145.550

0, 10.770, 145.550

75, 10.770,
145.550

75, 10.770,
145.550

73, 22.865,
144.846

77, 1.210, 325.899

72, 34.914,
144.034

79, 12.968,
326.595

71, 46.710,
143.096

81, 24.430,
327.032

69, 57.989,
142.028

83, 35.549,
327.400

69, 68.434,
140.846

84, 41.275,
325.856

68, 77.674,
139.596

■ 67, 85.307,
138.367

■ 67, 90.941,
137.284

■ 67, 94.378,
136.520

Harmonies

Complementary

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



75, 10.770, 145.550



72, 10.791, 326.537

Rectangle

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



75, 10.770, 145.550



75, 10.770, 195.550



75, 10.770, 325.550



75, 10.770, 15.550

Sweetspot

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



75, 10.772, 145.550



96, 4.406, 145.959



76, 9.114, 111.356



51, 3.343, 145.897



98, 0.011, 296.813



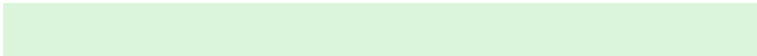
51, 0.007, 296.813

Same Dimension

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



75, 10.772, 145.550



94, 16.274, 145.404



75, 7.544, 165.718



39, 6.779, 145.526



57, 82.637, 136.588



9, 21.073, 145.496

Inverse Universe

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



72, 10.791, 326.537



90, 16.300, 326.664



72, 7.657, 347.161



37, 6.791, 326.558



37, 77.246, 330.688



3, 20.285, 327.580

Previews

White Background



This preview shows how the CIELCh color 75, 10.770, 145.550 looks on a white background.

Color Contrast Check

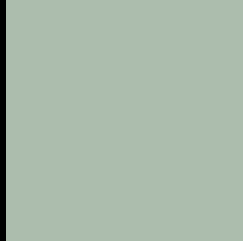
Large Text (above 18pt) WCAG AA × Fail

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, 10.770, 145.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

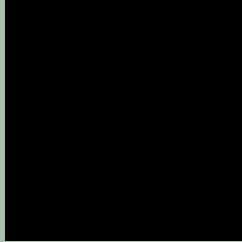
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.770, 145.550

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.770, 145.550.



This preview shows how white text looks on a background with the CIELCh color 75, 10.770, 145.550.

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, 10.770, 145.550

Protanopia
75, 7.982, 89.740

Deuteranopia
75, 10.921, 28.701



Tritanopia
75, 8.641, 269.298

Trichromacy



Original Color
75, 10.770, 145.550

Protanomaly
75, 8.102, 114.801

Deuteranomaly
75, 6.281, 62.788

Tritanomaly
75, 4.607, 219.804

Monochromacy



Original Color
75, 10.770, 145.550

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.177, 148.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.770, 145.550 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(172, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 173)  
}
```

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(172, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.770, 145.550 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(172, 189, 173) }
```

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

```
.border{ border-color:rgb(172, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.770, 145.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 173) }
```

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

```
.background{ background-color: rgb(172,  
189, 173) }
```

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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