

Converting Colors

CIELCh(75, 9.563, 150.947)

Have a look what the booklet for
CIELCh(75, 9.563, 150.947) contains.

CIELCh(75, 9.496, 151.232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 9.496, 151.232)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDB0
RGB	172, 189, 176
RGB Percent	67%, 74%, 69%
CMY	0.3256, 0.2590, 0.3099
CMYK	0.09, 0.00, 0.07, 0.26
HSL	134°, 11%, 71%
HSV	134°, 9%, 74%
XYZ	43.0271, 48.2781, 48.1057
YIQ	182.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

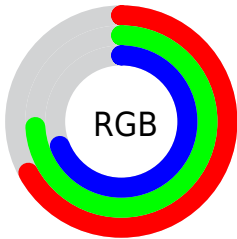
Format	Color
R _Y B	172, 186, 189
Decimal	11320752
CIE Lab	75.00, -8.32, 4.57
CIE LCh	75, 9.496, 151.232
Yxy	48.2781, 0.3086, 0.3463
Android (android.graphics.Color)	4289510832 (0xFFACBDB0)
YUV	182.4350, -3.1725, -9.1515
Hunter-Lab	69.4824, -11.0580, 7.5887

Details

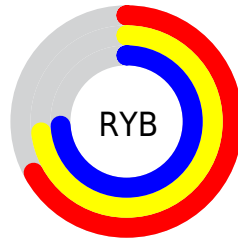
The CIELCh color **75, 9.496, 151.232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 9.533, 332.332**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.274, 152.941**, and **55, 9.407, 151.587** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.137, 150.459**, and if you desaturate by 10%, it is **77, 1.059, 331.565**.

Distribution



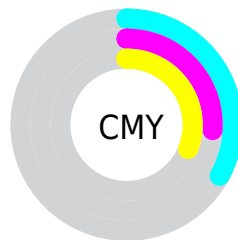
- Red (67%)
- Green (74%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.496, 151.232 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, 9.496, 151.232 by changing the saturation by 10% instead.

■ 75, 9.496, 151.232

■ 75, 9.496, 151.232

■ 100, 9.496,
151.232

■ 65, 9.496, 151.232

■ 95, 9.496, 151.232

■ 55, 9.496, 151.232

■ 45, 9.496, 151.232

■ 35, 9.496, 151.232

■ 25, 9.496, 151.232

■ 15, 9.496, 151.232

■ 5, 9.496, 151.232

■ 0, 9.496, 151.232

■ 75, 9.496, 151.232

■ 75, 9.496, 151.232

73, 20.137,
150.459

77, 1.059, 331.565

72, 30.732,
149.581

79, 11.440,
332.399

71, 41.120,
148.569

81, 21.579,
332.913

70, 51.109,
147.403

83, 31.432,
333.361

69, 60.486,
146.070

84, 38.616,
328.875

68, 69.030,
144.570

84, 41.401,
325.860

68, 76.536,
142.923

67, 82.830,
141.183

67, 87.845,

139.488

Harmonies

Complementary

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



75, 9.496, 151.232



72, 9.533, 332.332

Rectangle

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



75, 9.496, 151.232



75, 9.496, 201.232



75, 9.496, 331.232



75, 9.496, 21.232

Sweetspot

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



75, 9.498, 151.231



96, 3.887, 151.695



76, 9.248, 118.708



51, 2.949, 151.622



98, 0.011, 296.813



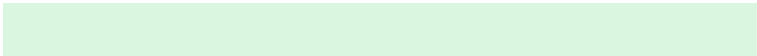
51, 0.007, 296.813

Same Dimension

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



75, 9.498, 151.231



94, 14.348, 151.069



75, 6.712, 177.562



39, 5.977, 151.205



57, 76.920, 139.592



9, 19.309, 149.215

Inverse Universe

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



72, 9.533, 332.332



90, 14.404, 332.480



72, 6.909, 359.093



37, 5.999, 332.356



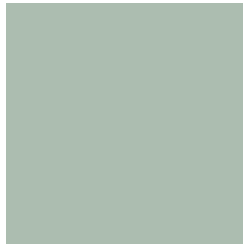
35, 67.609, 340.202



3, 17.042, 336.136

Previews

White Background



This preview shows how the CIELCh color 75, 9.496, 151.232 looks on a white background.

Color Contrast Check

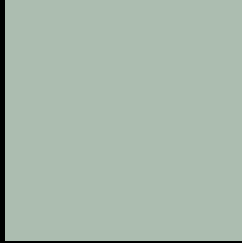
Large Text (above 18pt) WCAG AA × Fail

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, 9.496, 151.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

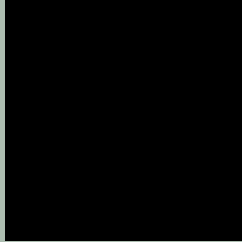
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 9.496, 151.232

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.496, 151.232.



This preview shows how white text looks on a background with the CIELCh color 75, 9.496, 151.232.

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](#).

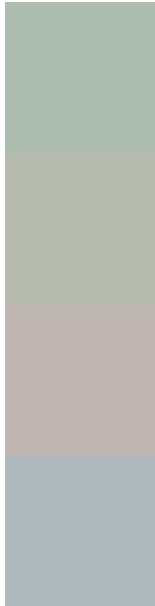
Dichromacy





Tritanopia
75, 8.641, 269.298

Trichromacy



Original Color
75, 9.496, 151.232

Protanomaly
75, 6.559, 119.520

Deuteranomaly
75, 4.638, 54.984

Tritanomaly
75, 4.760, 233.868

Monochromacy



Original Color
75, 9.496, 151.232

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.768, 153.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.496, 151.232 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.496, 151.232 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, 176) }
```

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

```
.border{ border-color:rgb(172, 189, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.496, 151.232 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, 176) }
```

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

```
.background{ background-color: rgb(172,  
189, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor