

Converting Colors

CIELCh(75, 16.450, 137.857)

Have a look what the booklet for
CIELCh(75, 16.450, 137.857)
contains.

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Color

CIELCh(75, 16.609, 137.499)

Conversions

Conversions Part 1

Format	Color
Hex	AABFA4
RGB	170, 191, 164
RGB Percent	67%, 75%, 64%
CMY	0.3347, 0.2524, 0.3582
CMYK	0.11, 0.00, 0.14, 0.25
HSL	107°, 17%, 69%
HSV	107°, 14%, 75%
XYZ	41.7221, 48.2781, 42.0755
YIQ	181.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

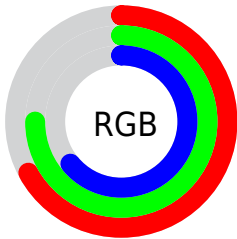
Format	Color
RYB	164, 191, 185
Decimal	11190180
CIELab	75.00, -12.25, 11.22
CIELCh	75, 16.609, 137.499
Yxy	48.2781, 0.3159, 0.3655
Android (android.graphics.Color)	4289380260 (0xFFAABFA4)
YUV	181.6430, -8.6980, -10.2109
Hunter-Lab	69.4824, -14.4105, 12.7343

Details

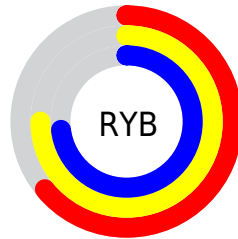
The CIELCh color **75, 16.609, 137.499** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 16.743, 318.746**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.433, 137.869**, and **55, 16.959, 137.024** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.405, 136.957**, and if you desaturate by 10%, it is **77, 4.849, 138.005**.

Distribution



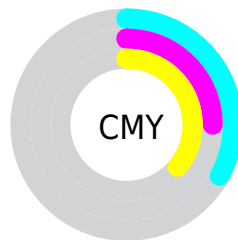
- Red (67%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (33%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 16.609, 137.499 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, 16.609, 137.499 by changing the saturation by 10% instead.

 75, 16.609,
137.499

 75, 16.609,
137.499

 100, 16.609,
137.499

 65, 16.609,
137.499


 95, 16.609,
137.499

 55, 16.609,
137.499

 45, 16.609,
137.499

 35, 16.609,
137.499

 25, 16.609,
137.499

 15, 16.609,
137.499

 5, 16.609, 137.499

0, 16.609, 137.499

75, 16.609,
137.499

75, 16.609,
137.499

74, 28.405,
136.957

77, 4.849, 138.005

72, 40.095,
136.360

78, 6.784, 318.352

71, 51.493,
135.724

80, 18.220,
318.731

70, 62.346,
135.083

82, 29.413,
319.044

69, 72.311,
134.500

84, 38.534,
320.728

69, 80.946,
134.075

85, 40.355,
325.825

■ 68, 87.749,
133.932

■ 68, 92.316,
134.179

■ 68, 94.182,
134.397

Harmonies

Complementary

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



75, 16.609, 137.499



70, 16.743, 318.746

Rectangle

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



75, 16.609, 137.499



75, 16.609, 187.499



75, 16.609, 317.499



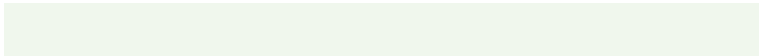
75, 16.609, 7.499

Sweetspot

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



75, 16.611, 137.500



97, 5.762, 138.011



75, 11.379, 96.666



52, 4.131, 137.970



99, 0.012, 296.813



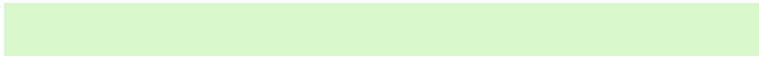
52, 0.007, 296.813

Same Dimension

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



75, 16.611, 137.500



94, 24.668, 137.337



75, 14.749, 152.001



39, 6.579, 137.743



57, 81.844, 134.251



9, 20.540, 140.000

Inverse Universe

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



70, 16.743, 318.746



86, 24.899, 318.886



70, 14.826, 333.890



37, 6.619, 318.530



31, 82.632, 320.025



3, 19.417, 315.793

Previews

White Background



This preview shows how the CIE LCh color 75, 16.609, 137.499 looks on a white background.

Color Contrast Check

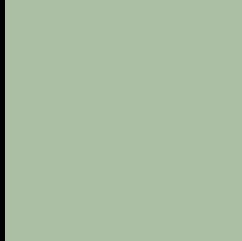
Large Text (above 18pt) WCAG AA × Fail

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, 16.609, 137.499 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

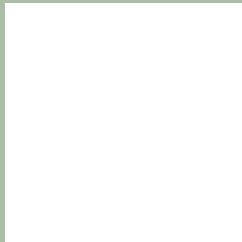
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.609, 137.499

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.609, 137.499.

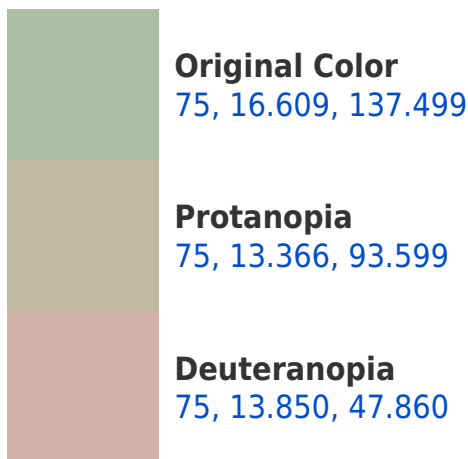


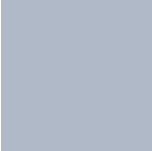
This preview shows how white text looks on a background with the CIELCh color 75, 16.609, 137.499.

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, 8.768, 267.154

Trichromacy



Original Color
75, 16.609, 137.499

Protanomaly
75, 13.426, 110.551

Deuteranomaly
75, 10.747, 83.441

Tritanomaly
75, 5.090, 199.102

Monochromacy



Original Color
75, 16.609, 137.499

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.199, 138.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.609, 137.499 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(170, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(170, 191, 164)  
}
```

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(170, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.609, 137.499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

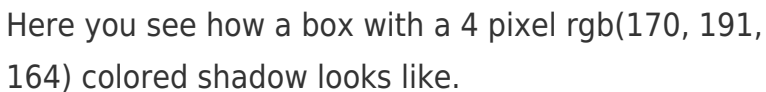
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 191, 164) }
```

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

```
.border{ border-color:rgb(170, 191, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 191, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 191, 164); box-shadow:4px 4px 4px 4px rgb(170, 191, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.609, 137.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 191, 164) }
```

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

```
.background{ background-color: rgb(170,  
191, 164) }
```

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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