

Converting Colors

CIELCh(75, 28.287, 123.805)

Have a look what the booklet for
CIELCh(75, 28.287, 123.805)
contains.

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Color

CIELCh(75, 28.306, 123.871)

Conversions

Conversions Part 1

Format	Color
Hex	ACC08D
RGB	172, 192, 141
RGB Percent	67%, 75%, 55%
CMY	0.3263, 0.2478, 0.4478
CMYK	0.10, 0.00, 0.27, 0.25
HSL	84°, 29%, 65%
HSV	84°, 27%, 75%
XYZ	40.5700, 48.2781, 32.3059
YIQ	180.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

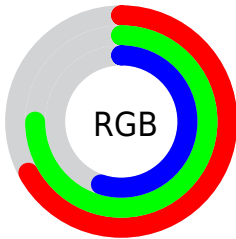
Format	Color
RYB	141, 192, 161
Decimal	11321485
CIELab	75.00, -15.78, 23.50
CIELCh	75, 28.306, 123.871
Yxy	48.2781, 0.3349, 0.3985
Android (android.graphics.Color)	4289511565 (0xFFACC08D)
YUV	180.2060, -19.3286, -7.1967
Hunter-Lab	69.4824, -17.3702, 21.0708

Details

The CIELCh color **75, 28.306, 123.871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 29.623, 306.704**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.991, 123.563**, and **55, 28.853, 124.082** is the 20% darker color. If you saturate the color by 10%, you get **74, 38.745, 123.360**, and if you desaturate by 10%, it is **76, 17.700, 124.394**.

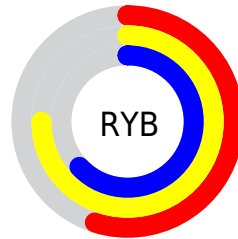
Distribution



Red (67%)

Green (75%)

Blue (55%)



Red (55%)

Yellow (75%)

Blue (63%)

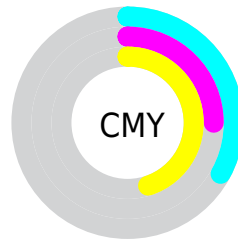


Cyan (10%)

Magenta (0%)

Yellow (27%)

Black (25%)



Cyan (33%)


Magenta (25%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 28.306, 123.871 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, 28.306, 123.871 by changing the saturation by 10% instead.


 75, 28.306,
123.871


 75, 28.306,
123.871


 100, 28.306,
123.871


 65, 28.306,
123.871


 95, 28.306,
123.871

 55, 28.306,
123.871

 45, 28.306,
123.871

 35, 28.306,
123.871

 25, 28.306,
123.871

 15, 28.306,
123.871

 5, 28.306, 123.871

■ 0, 28.306, 123.871

■ 75, 28.306,
123.871

■ 75, 28.306,
123.871

■ 74, 38.745,
123.360

■ 76, 17.700,
124.394

■ 73, 48.862,
122.888

■ 77, 7.024, 124.908

■ 73, 58.437,
122.507

■ 78, 3.649, 305.358

■ 79, 14.268,
305.827

■ 72, 67.153,
122.292

■ 80, 24.796,
306.248

■ 71, 74.589,
122.349

■ 82, 34.751,
306.806

■ 71, 80.283,
122.798

■ 82, 35.403,

■ 71, 83.971,
123.718

310.827

■ 70, 85.008,
124.068

■ 83, 36.216,
314.745

■ 84, 37.184,
318.528

Harmonies

Complementary

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



75, 28.306, 123.871



62, 29.623, 306.704

Rectangle

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



75, 28.306, 123.871



75, 28.306, 173.871



75, 28.306, 303.871



75, 28.306, 353.871

Sweetspot

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



75, 28.308, 123.873



97, 10.580, 124.829



68, 16.865, 59.343



52, 7.519, 124.752



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, 28.308, 123.873



94, 42.122, 123.566



73, 32.476, 139.729



40, 6.100, 124.766



60, 74.421, 123.855



11, 20.329, 128.196

Inverse Universe

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



62, 29.623, 306.704



75, 44.585, 307.092



64, 32.691, 322.494



38, 6.201, 305.687



22, 90.234, 309.842



2, 19.909, 301.802

Previews

White Background



This preview shows how the CIELCh color 75, 28.306, 123.871 looks on a white background.

Color Contrast Check

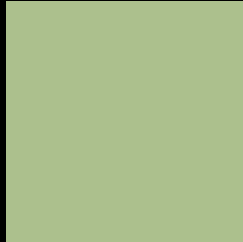
Large Text (above 18pt) WCAG AA × Fail

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 75, 28.306, 123.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

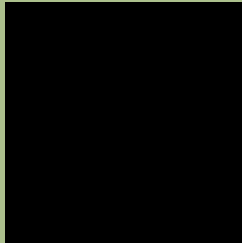
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

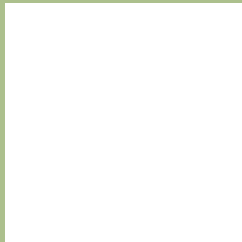
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 28.306, 123.871

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.306, 123.871.



This preview shows how white text looks on a background with the CIELCh color 75, 28.306, 123.871.

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, 28.306, 123.871

Protanopia
75, 25.813, 94.892

Deuteranopia
75, 24.151, 66.884



Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 28.306, 123.871

Protanomaly
75, 26.136, 106.777

Deuteranomaly
75, 22.223, 88.888

Tritanomaly
75, 6.149, 147.002

Monochromacy



Original Color
75, 28.306, 123.871

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.085, 124.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.306, 123.871 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, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 141)  
}
```

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, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.306, 123.871 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, 192, 141) }
```

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

```
.border{ border-color:rgb(172, 192, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 192, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 192,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.306, 123.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 141) }
```

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

```
.background{ background-color: rgb(172,  
192, 141) }
```

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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