

Converting Colors

CIELCh(75, 41.561, 117.168)

Have a look what the booklet for
CIELCh(75, 41.561, 117.168)
contains.

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Color

CIELCh(75, 41.673, 117.130)

Conversions

Conversions Part 1

Format	Color
Hex	AEC173
RGB	174, 193, 115
RGB Percent	68%, 76%, 45%
CMY	0.3183, 0.2438, 0.5496
CMYK	0.10, 0.00, 0.40, 0.24
HSL	75°, 39%, 60%
HSV	75°, 40%, 76%
XYZ	39.5354, 48.2781, 23.4064
YIQ	178.4270, 13.7140, -28.2860

Conversions

Conversions Part 2

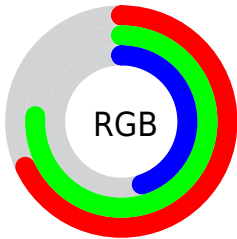
Format	Color
RYB	115, 193, 134
Decimal	11452787
CIELab	75.00, -19.00, 37.09
CIELCh	75, 41.673, 117.130
Yxy	48.2781, 0.3555, 0.4341
Android (android.graphics.Color)	4289642867 (0xFFAEC173)
YUV	178.4270, -31.2695, -3.8825
Hunter-Lab	69.4824, -20.0281, 28.6648

Details

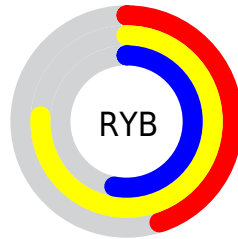
The CIELCh color **75, 41.673, 117.130** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 45.636, 302.939**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 41.469, 117.203**, and **55, 41.438, 117.077** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.294, 116.580**, and if you desaturate by 10%, it is **76, 31.634, 117.745**.

Distribution



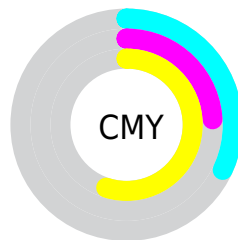
- Red (68%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (24%)





- Cyan (32%)
- Magenta (24%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.673, 117.130 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, 41.673, 117.130 by changing the saturation by 10% instead.


 75, 41.673,
117.130


 75, 41.673,
117.130


 100, 41.673,
117.130


 65, 41.673,
117.130


 95, 41.673,
117.130

 55, 41.673,
117.130

 45, 41.673,
117.130

 35, 41.673,
117.130

 25, 41.673,
117.130

 15, 41.673,
117.130

 5, 41.673, 117.130

0, 41.673, 117.130

75, 41.673,
117.130

75, 41.673,
117.130

74, 51.294,
116.580

76, 31.634,
117.745

74, 60.233,
116.143

76, 21.346,
118.382

73, 68.125,
115.894

77, 10.928,
119.021

73, 74.508,
115.930

78, 0.457, 119.700

73, 78.948,
116.348

79, 10.013,
300.235

72, 81.515,
117.082

80, 20.442,
300.803

■ 81, 30.803,
301.336

■ 81, 33.751,
303.385

■ 82, 34.057,
305.986

Harmonies

Complementary

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



75, 41.673, 117.130



53, 45.636, 302.939

Rectangle

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



75, 41.673, 117.130



75, 41.673, 167.130



75, 41.673, 297.130



75, 41.673, 347.130

Sweetspot

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



75, 41.674, 117.132



97, 15.494, 118.910



61, 28.147, 42.634



52, 10.273, 118.827



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, 41.674, 117.132



94, 61.565, 116.615



73, 47.102, 134.709



41, 5.955, 119.089



61, 71.137, 116.911



11, 19.353, 120.925

Inverse Universe

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



53, 45.636, 302.939



61, 69.241, 303.919



57, 48.313, 318.493



38, 6.074, 300.277



20, 92.639, 307.753



1, 19.660, 297.690

Previews

White Background



This preview shows how the CIELCh color 75, 41.673, 117.130 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, 41.673, 117.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

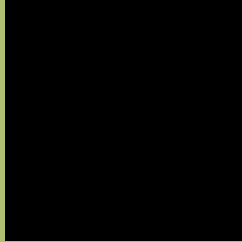
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 41.673, 117.130

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.673, 117.130.



This preview shows how white text looks on a background with the CIELCh color 75, 41.673, 117.130.

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, 41.673, 117.130

Protanopia
75, 38.859, 95.749

Deuteranopia
75, 36.766, 74.841



Tritanopia
75, 7.584, 293.621

Trichromacy



Original Color
75, 41.673, 117.130

Protanomaly
75, 39.078, 103.941

Deuteranomaly
75, 35.929, 91.751

Tritanomaly
75, 11.093, 123.114

Monochromacy



Original Color
75, 41.673, 117.130

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.343, 118.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.673, 117.130 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(174, 193, 115)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 115)  
}
```

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(174, 193, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.673, 117.130 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(174, 193, 115) }
```

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

```
.border{ border-color:rgb(174, 193, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 115);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.673, 117.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 115) }
```

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

```
.background{ background-color: rgb(174,  
193, 115) }
```

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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