

Converting Colors

CIELCh(75, 61.429, 116.886)

Have a look what the booklet for
CIELCh(75, 61.429, 116.886)
contains.

CIELCh(75, 61.444, 116.876)	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, 61.444, 116.876)

Conversions

Conversions Part 1

Format	Color
Hex	A5C44D
RGB	165, 196, 77
RGB Percent	65%, 77%, 30%
CMY	0.3511, 0.2296, 0.6963
CMYK	0.16, 0.00, 0.61, 0.23
HSL	76°, 50%, 54%
HSV	76°, 61%, 77%
XYZ	36.8125, 48.2781, 14.4814
YIQ	173.1650, 19.7230, -43.5810

Conversions

Conversions Part 2

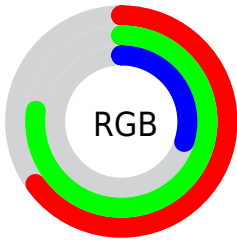
Format	Color
RYB	77, 196, 108
Decimal	10863693
CIELab	75.00, -27.78, 54.81
CIELCh	75, 61.444, 116.876
Yxy	48.2781, 0.3697, 0.4849
Android (android.graphics.Color)	4289053773 (0xFFA5C44D)
YUV	173.1650, -47.4093, -7.1607
Hunter-Lab	69.4824, -27.0231, 36.2806

Details

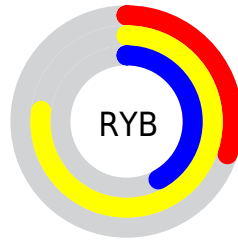
The CIELCh color **75, 61.444, 116.876** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **42, 71.275, 305.538**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.817, 116.994**, and **55, 61.352, 116.842** is the 20% darker color. If you saturate the color by 10%, you get **75, 69.471, 116.655**, and if you desaturate by 10%, it is **76, 52.349, 117.295**.

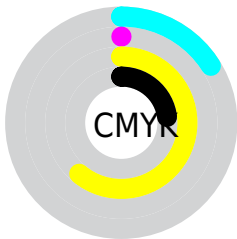
Distribution



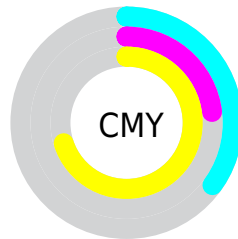
- Red (65%)
- Green (77%)
- Blue (30%)



- Red (30%)
- Yellow (77%)
- Blue (42%)



- Cyan (16%)
- Magenta (0%)
- Yellow (61%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 61.444, 116.876 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, 61.444, 116.876 by changing the saturation by 10% instead.


 75, 61.444,
116.876


 75, 61.444,
116.876


 100, 61.444,
116.876


 65, 61.444,
116.876


 95, 61.444,
116.876

 55, 61.444,
116.876

 45, 61.444,
116.876

 35, 61.444,
116.876

 25, 61.444,
116.876

 15, 61.444,
116.876

 5, 61.444, 116.876

0, 61.444, 116.876

75, 61.444,
116.876

75, 61.444,
116.876

75, 69.471,
116.655

76, 52.349,
117.295

74, 75.959,
116.726

76, 42.558,
117.829

74, 80.470,
117.191

77, 32.338,
118.425

73, 83.051,
117.967

78, 21.867,
119.047

78, 11.264,
119.669

79, 0.609, 120.327

■ 80, 10.041,
300.849

■ 81, 20.647,
301.400

■ 82, 31.181,
301.916

Harmonies

Complementary

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



75, 61.444, 116.876



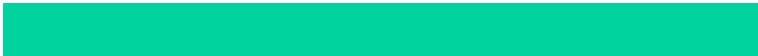
42, 71.275, 305.538

Rectangle

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



75, 61.444, 116.876



75, 61.444, 166.876



75, 61.444, 296.876



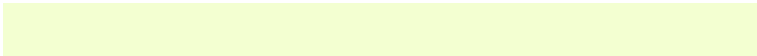
75, 61.444, 346.876

Sweetspot

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



75, 61.445, 116.878



98, 23.651, 119.190



55, 45.917, 44.560



52, 16.420, 119.006



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 61.445, 116.878



94, 87.590, 116.641



72, 69.999, 133.999



42, 6.098, 119.743



62, 72.303, 117.788



12, 21.106, 120.772

Inverse Universe

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



42, 71.275, 305.538



46, 106.187, 306.857



49, 72.117, 319.656



39, 6.217, 300.899



21, 93.494, 307.926



2, 21.747, 298.571

Previews

White Background



This preview shows how the CIELCh color 75, 61.444, 116.876 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, 61.444, 116.876 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, 61.444, 116.876

Background



This preview shows how black text looks on a background with the CIELCh color 75, 61.444, 116.876.



This preview shows how white text looks on a background with the CIELCh color 75, 61.444, 116.876.

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, 8.265, 278.500

Trichromacy



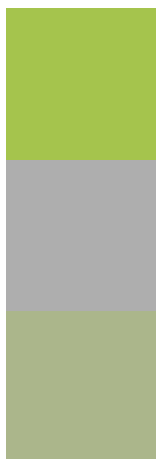
Original Color
75, 61.444, 116.876

Protanomaly
75, 57.875, 103.778

Deuteranomaly
74, 53.242, 94.620

Tritanomaly
75, 19.163, 126.141

Monochromacy



Original Color
75, 61.444, 116.876

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 23.547, 118.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 61.444, 116.876 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(165, 196, 77)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 77)  
}
```

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(165, 196, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 61.444, 116.876 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(165, 196, 77) }
```

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

```
.border{ border-color:rgb(165, 196, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 196, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 196, 77); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 196, 77); box-shadow:4px 4px 4px 4px rgb(165, 196, 77) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 61.444, 116.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 77) }
```

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

```
.background{ background-color: rgb(165,  
196, 77) }
```

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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