

Converting Colors

CIELCh(75, 68.582, 115.368)

Have a look what the booklet for
CIELCh(75, 68.582, 115.368)
contains.

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Color

CIELCh(75, 68.497, 115.441)

Conversions

Conversions Part 1

Format	Color
Hex	A5C53C
RGB	165, 197, 60
RGB Percent	65%, 77%, 24%
CMY	0.3528, 0.2273, 0.7645
CMYK	0.16, 0.00, 0.70, 0.23
HSL	74°, 54%, 50%
HSV	74°, 70%, 77%
XYZ	36.3152, 48.2781, 11.6846
YIQ	171.8140, 24.9050, -49.3910

Conversions

Conversions Part 2

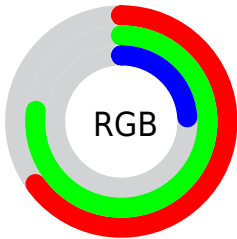
Format	Color
RYB	60, 197, 92
Decimal	10863932
CIELab	75.00, -29.43, 61.85
CIElCh	75, 68.497, 115.441
Yxy	48.2781, 0.3772, 0.5014
Android (android.graphics.Color)	4289054012 (0xFFA5C53C)
YUV	171.8140, -55.1243, -5.9759
Hunter-Lab	69.4824, -28.3006, 38.6671

Details

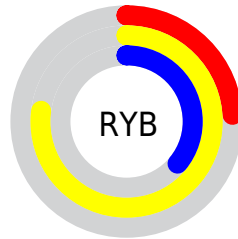
The CIELCh color **75, 68.497, 115.441** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **37, 82.354, 305.857**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 68.707, 115.421**, and **55, 65.185, 116.482** is the 20% darker color. If you saturate the color by 10%, you get **75, 75.109, 115.435**, and if you desaturate by 10%, it is **75, 60.386, 115.724**.

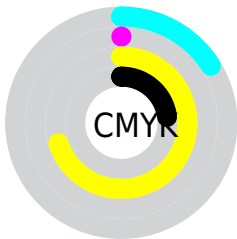
Distribution



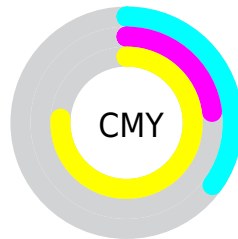
- Red (65%)
- Green (77%)
- Blue (24%)



- Red (24%)
- Yellow (77%)
- Blue (36%)



- Cyan (16%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 68.497, 115.441 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, 68.497, 115.441 by changing the saturation by 10% instead.


 75, 68.497,
115.441


 75, 68.497,
115.441


 100, 68.497,
115.441


 65, 68.497,
115.441


 95, 68.497,
115.441

 55, 68.497,
115.441

 45, 68.497,
115.441

 35, 68.497,
115.441

 25, 68.497,
115.441

 15, 68.497,
115.441

 5, 68.497, 115.441

0, 68.497, 115.441

75, 68.497,
115.441

75, 68.497,
115.441

75, 75.109,
115.435

75, 60.386,
115.724

74, 79.765,
115.798

76, 51.239,
116.186

74, 82.505,
116.534

77, 41.424,
116.756

74, 82.622,
116.570

77, 31.197,
117.384

78, 20.728,
118.033

79, 10.133,
118.683

■ 80, 0.512, 299.266

■ 80, 11.153,
299.917

■ 81, 21.752,
300.494

Harmonies

Complementary

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



75, 68.497, 115.441



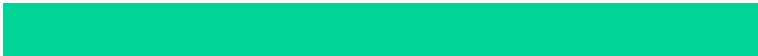
37, 82.354, 305.857

Rectangle

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



75, 68.497, 115.441



75, 68.497, 165.441



75, 68.497, 295.441



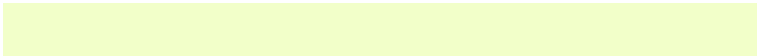
75, 68.497, 345.441

Sweetspot

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



75, 68.498, 115.443



98, 27.463, 117.916



52, 54.899, 43.662



52, 18.567, 117.734



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, 68.498, 115.443



94, 94.204, 115.556



71, 78.252, 133.202



42, 6.077, 118.692



62, 71.782, 116.402



12, 20.956, 119.372

Inverse Universe

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



37, 82.354, 305.857



40, 118.940, 307.137



45, 80.981, 319.270



39, 6.199, 299.906



20, 93.870, 307.638



2, 21.709, 297.876

Previews

White Background



This preview shows how the CIELCh color 75, 68.497, 115.441 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, 68.497, 115.441 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, 68.497, 115.441

Background



This preview shows how black text looks on a background with the CIELCh color 75, 68.497, 115.441.

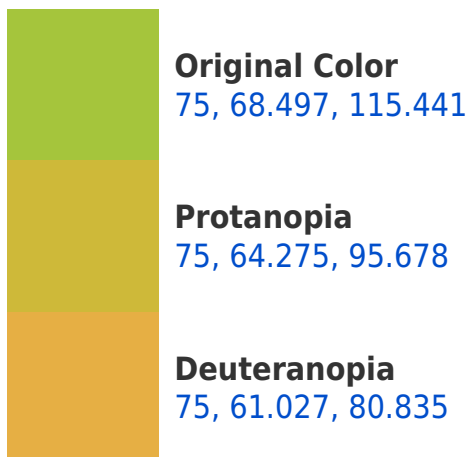


This preview shows how white text looks on a background with the CIELCh color 75, 68.497, 115.441.

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, 8.203, 280.928

Trichromacy



Original Color
75, 68.497, 115.441

Protanomaly
75, 64.657, 103.227

Deuteranomaly
74, 60.592, 94.656

Tritanomaly
75, 22.630, 122.183

Monochromacy



Original Color
75, 68.497, 115.441

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 27.294, 117.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 68.497, 115.441 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, 197, 60)` looks like.

```
.text, #text, p{  
    color:rgb(165, 197, 60)  
}
```

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, 197, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 197, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 68.497, 115.441 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, 197, 60) }
```

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

```
.border{ border-color:rgb(165, 197, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 197, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 197, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 197, 60);  
box-shadow:4px 4px 4px 4px rgb(165, 197,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 68.497, 115.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 197, 60) }
```

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

```
.background{ background-color: rgb(165,  
197, 60) }
```

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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