

Converting Colors

CIELCh(75, 44.779, 120.048)

Have a look what the booklet for
CIELCh(75, 44.779, 120.048)
contains.

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Color

CIELCh(75, 44.728, 119.904)

Conversions

Conversions Part 1

Format	Color
Hex	A8C26F
RGB	168, 194, 111
RGB Percent	66%, 76%, 44%
CMY	0.3397, 0.2377, 0.5633
CMYK	0.13, 0.00, 0.43, 0.24
HSL	79°, 41%, 60%
HSV	79°, 43%, 76%
XYZ	38.4973, 48.2781, 22.4326
YIQ	176.7640, 11.1470, -31.3250

Conversions

Conversions Part 2

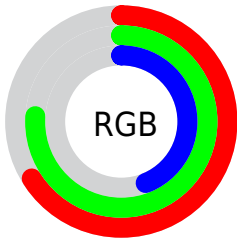
Format	Color
RYB	111, 194, 137
Decimal	11059823
CIELab	75.00, -22.30, 38.77
CIElCh	75, 44.728, 119.904
Yxy	48.2781, 0.3525, 0.4421
Android (android.graphics.Color)	4289249903 (0xFFA8C26F)
YUV	176.7640, -32.4217, -7.6860
Hunter-Lab	69.4824, -22.6949, 29.4958

Details

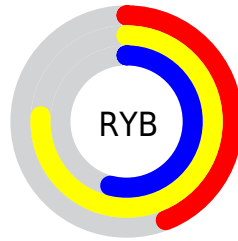
The CIELCh color **75, 44.728, 119.904** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 48.883, 305.321**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 44.957, 120.193**, and **55, 44.555, 120.009** is the 20% darker color. If you saturate the color by 10%, you get **74, 54.439, 119.437**, and if you desaturate by 10%, it is **76, 34.556, 120.447**.

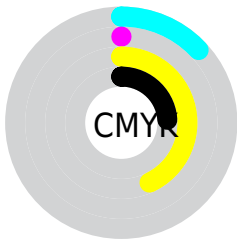
Distribution



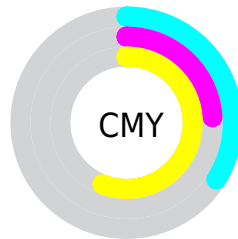
- Red (66%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (43%)
- Black (24%)




- Cyan (34%)
- Magenta (24%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 44.728, 119.904 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, 44.728, 119.904 by changing the saturation by 10% instead.

 75, 44.728,
119.904

 75, 44.728,
119.904

 100, 44.728,
119.904

 65, 44.728,
119.904


 95, 44.728,
119.904

 55, 44.728,
119.904

 45, 44.728,
119.904

 35, 44.728,
119.904

 25, 44.728,
119.904

 15, 44.728,
119.904

 5, 44.728, 119.904

■ 0, 44.728, 119.904

■ 75, 44.728,
119.904

■ 75, 44.728,
119.904

■ 74, 54.439,
119.437

■ 76, 34.556,
120.447

■ 74, 63.402,
119.103

■ 77, 24.111,
121.018

■ 73, 71.228,
118.991

■ 77, 13.522,
121.593

■ 73, 77.447,
119.211

■ 78, 2.878, 122.167

■ 72, 81.661,
119.866

■ 79, 7.760, 302.677

■ 72, 83.700,
120.563

■ 80, 18.350,
303.185

■ 81, 28.860,

303.656

■ 82, 33.172,
305.946

■ 83, 33.672,
309.369

Harmonies

Complementary

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



75, 44.728, 119.904



53, 48.883, 305.321

Rectangle

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



75, 44.728, 119.904



75, 44.728, 169.904



75, 44.728, 299.904



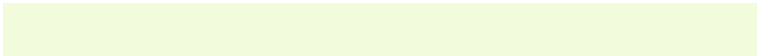
75, 44.728, 349.904

Sweetspot

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



75, 44.729, 119.906



98, 17.097, 121.565



62, 29.365, 49.274



52, 12.058, 121.436



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, 44.729, 119.906



94, 65.222, 119.475



73, 51.010, 136.409



41, 6.016, 121.784



61, 72.573, 120.355



11, 19.773, 124.491

Inverse Universe

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



53, 48.883, 305.321



61, 72.990, 306.122



57, 51.926, 320.654



38, 6.126, 302.832



21, 91.594, 308.601



2, 19.758, 299.532

Previews

White Background



This preview shows how the CIELCh color 75, 44.728, 119.904 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, 44.728, 119.904 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, 44.728, 119.904

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.728, 119.904.



This preview shows how white text looks on a background with the CIELCh color 75, 44.728, 119.904.

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, 44.728, 119.904

Protanopia
75, 40.943, 95.441

Deuteranopia
75, 38.149, 75.855



Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 44.728, 119.904

Protanomaly
75, 41.526, 105.019

Deuteranomaly
75, 37.677, 93.569

Tritanomaly
75, 12.213, 131.062

Monochromacy



Original Color
75, 44.728, 119.904

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 16.559, 120.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.728, 119.904 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(168, 194, 111)` looks like.

```
.text, #text, p{  
    color:rgb(168, 194, 111)  
}
```

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(168, 194, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 194, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.728, 119.904 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(168, 194, 111) }
```

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

```
.border{ border-color:rgb(168, 194, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 194, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 194, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 194, 111);  
box-shadow:4px 4px 4px 4px rgb(168, 194,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.728, 119.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 194, 111) }
```

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

```
.background{ background-color: rgb(168,  
194, 111) }
```

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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