

Converting Colors

CIELCh(75, 60.749, 125.330)

Have a look what the booklet for
CIELCh(75, 60.749, 125.330)
contains.

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Color

CIELCh(75, 60.997, 125.263)

Conversions

Conversions Part 1

Format	Color
Hex	94C858
RGB	148, 200, 88
RGB Percent	58%, 78%, 35%
CMY	0.4198, 0.2159, 0.6551
CMYK	0.26, 0.00, 0.56, 0.22
HSL	88°, 50%, 56%
HSV	88°, 56%, 78%
XYZ	34.6041, 48.2781, 16.7163
YIQ	171.6840, 4.9600, -45.8560

Conversions

Conversions Part 2

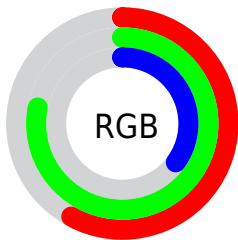
Format	Color
R_{YB}	88, 200, 140
Decimal	9750616
CIE Lab	75.00, -35.22, 49.80
CIE LCh	75, 60.997, 125.263
Yxy	48.2781, 0.3474, 0.4847
Android (android.graphics.Color)	4287940696 (0xFF94C858)
YUV	171.6840, -41.2562, -20.7709
Hunter-Lab	69.4824, -32.6965, 34.3736

Details

The CIELCh color **75, 60.997, 125.263** 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 **48, 66.866, 310.837**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 59.961, 125.040**, and **55, 61.074, 125.217** is the 20% darker color. If you saturate the color by 10%, you get **74, 70.286, 125.049**, and if you desaturate by 10%, it is **76, 50.840, 125.640**.

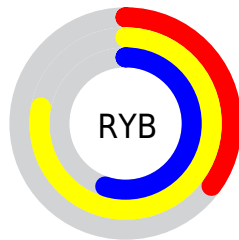
Distribution



Red (58%)

Green (78%)

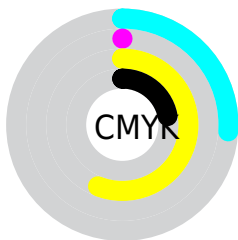
Blue (35%)



Red (35%)

Yellow (78%)

Blue (55%)

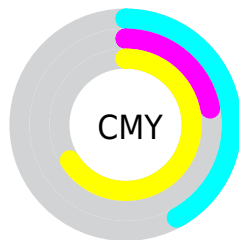


Cyan (26%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (42%)


Magenta (22%)


Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 60.997, 125.263 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, 60.997, 125.263 by changing the saturation by 10% instead.


 75, 60.997,
125.263


 75, 60.997,
125.263


 100, 60.997,
125.263


 65, 60.997,
125.263


 95, 60.997,
125.263

 55, 60.997,
125.263

 45, 60.997,
125.263

 35, 60.997,
125.263

 25, 60.997,
125.263

 15, 60.997,
125.263

 5, 60.997, 125.263

0, 60.997, 125.263

75, 60.997,
125.263

75, 60.997,
125.263

74, 70.286,
125.049

76, 50.840,
125.640

74, 78.268,
125.101

77, 40.139,
126.097

73, 84.464,
125.547

78, 29.124,
126.587

73, 88.558,
126.479

79, 17.951,
127.078

73, 89.855,
126.904

80, 6.729, 127.559

81, 4.466, 307.961

82, 15.580,

308.386

■ 84, 26.574,
308.762

■ 85, 31.049,
312.543

Harmonies

Complementary

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



75, 60.997, 125.263



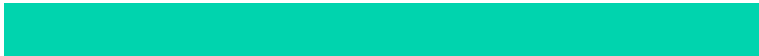
48, 66.866, 310.837

Rectangle

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



75, 60.997, 125.263



75, 60.997, 175.263



75, 60.997, 305.263



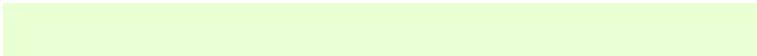
75, 60.997, 355.263

Sweetspot

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



75, 60.998, 125.264



98, 23.216, 127.018



63, 40.435, 63.482



52, 15.527, 126.919



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, 60.998, 125.264



92, 86.423, 125.034



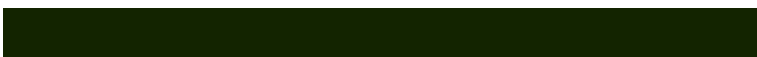
72, 70.088, 138.775



41, 6.325, 127.397



60, 77.108, 126.660



12, 22.576, 130.061

Inverse Universe

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



48, 66.866, 310.837



53, 96.853, 311.395



55, 69.891, 325.748



39, 6.418, 308.236



24, 89.951, 311.221



2, 22.232, 304.656

Previews

White Background



This preview shows how the CIELCh color 75, 60.997, 125.263 looks on a white background.

Color Contrast Check

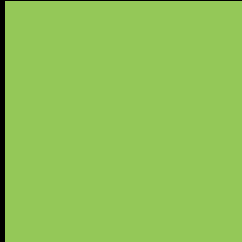
Large Text (above 18pt) WCAG AA × Fail

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, 60.997, 125.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

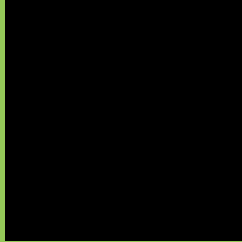
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 60.997, 125.263

Background



This preview shows how black text looks on a background with the CIELCh color 75, 60.997, 125.263.



This preview shows how white text looks on a background with the CIELCh color 75, 60.997, 125.263.

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, 60.997, 125.263

Protanopia

75, 53.042, 95.585

Deuteranopia

75, 48.554, 78.458



Tritanopia
75, 11.422, 244.327

Trichromacy



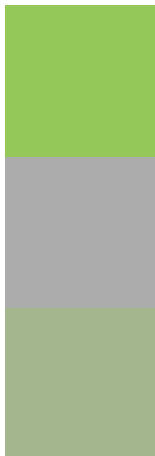
Original Color
75, 60.997, 125.263

Protanomaly
75, 53.942, 107.771

Deuteranomaly
74, 48.428, 98.295

Tritanomaly
75, 21.135, 145.787

Monochromacy



Original Color
75, 60.997, 125.263

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 23.377, 126.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 60.997, 125.263 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(148, 200, 88)` looks like.

```
.text, #text, p{  
    color:rgb(148, 200, 88)  
}
```

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(148, 200, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 200, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 60.997, 125.263 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(148, 200, 88) }
```

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

```
.border{ border-color:rgb(148, 200, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 200, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 200, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 200, 88);  
box-shadow:4px 4px 4px 4px rgb(148, 200,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 60.997, 125.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 200, 88) }
```

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

```
.background{ background-color: rgb(148,  
200, 88) }
```

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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