

Converting Colors

CIELCh(75, 48.471, 125.488)

Have a look what the booklet for
CIELCh(75, 48.471, 125.488)
contains.

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Color

CIELCh(75, 48.251, 125.554)

Conversions

Conversions Part 1

Format	Color
Hex	9DC56E
RGB	157, 197, 110
RGB Percent	62%, 77%, 43%
CMY	0.3840, 0.2271, 0.5683
CMYK	0.20, 0.00, 0.44, 0.23
HSL	88°, 43%, 60%
HSV	88°, 44%, 77%
XYZ	36.7277, 48.2781, 22.1588
YIQ	175.1220, 4.0870, -35.5370

Conversions

Conversions Part 2

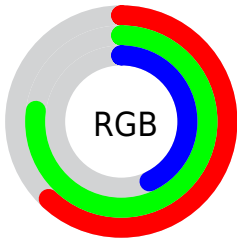
Format	Color
RYB	110, 197, 150
Decimal	10339694
CIELab	75.00, -28.06, 39.26
CIELCh	75, 48.251, 125.554
Yxy	48.2781, 0.3427, 0.4505
Android (android.graphics.Color)	4288529774 (0xFF9DC56E)
YUV	175.1220, -32.1051, -15.8930
Hunter-Lab	69.4824, -27.2410, 29.7294

Details

The CIELCh color **75, 48.251, 125.554** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 51.780, 310.019**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 48.317, 125.574**, and **55, 48.114, 125.451** is the 20% darker color. If you saturate the color by 10%, you get **74, 58.402, 125.160**, and if you desaturate by 10%, it is **76, 37.616, 126.023**.

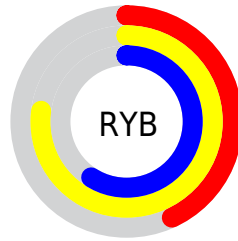
Distribution



Red (62%)

Green (77%)

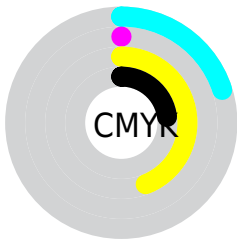
Blue (43%)



Red (43%)

Yellow (77%)

Blue (59%)

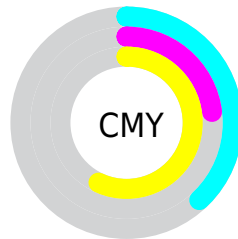


Cyan (20%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (38%)


Magenta (23%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 48.251, 125.554 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, 48.251, 125.554 by changing the saturation by 10% instead.


 75, 48.251,
125.554


 75, 48.251,
125.554


 100, 48.251,
125.554


 65, 48.251,
125.554


 95, 48.251,
125.554

 55, 48.251,
125.554

 45, 48.251,
125.554

 35, 48.251,
125.554

 25, 48.251,
125.554

 15, 48.251,
125.554

 5, 48.251, 125.554

■ 0, 48.251, 125.554

■ 75, 48.251,
125.554

■ 75, 48.251,
125.554

■ 74, 58.402,
125.160

■ 76, 37.616,
126.023

■ 73, 67.764,
124.907

■ 77, 26.702,
126.515

■ 73, 75.926,
124.898

■ 78, 15.656,
127.006

■ 72, 82.413,
125.259

■ 79, 4.576, 127.489

■ 72, 86.850,
126.095

■ 80, 6.467, 307.888

■ 72, 88.748,
126.725

■ 82, 17.424,
308.301

■ 83, 28.258,

308.672

■ 84, 32.624,
312.197

■ 85, 33.731,
317.266

Harmonies

Complementary

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



75, 48.251, 125.554



54, 51.780, 310.019

Rectangle

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



75, 48.251, 125.554



75, 48.251, 175.554



75, 48.251, 305.554



75, 48.251, 355.554

Sweetspot

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



75, 48.252, 125.555



98, 17.733, 127.051



65, 30.514, 64.804



52, 12.410, 126.943



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, 48.252, 125.555



94, 70.502, 125.171



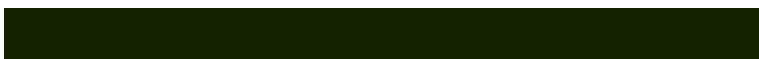
73, 55.720, 139.934



41, 6.319, 127.234



60, 76.994, 126.496



12, 22.539, 129.882

Inverse Universe

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



54, 51.780, 310.019



62, 77.034, 310.580



59, 55.786, 325.277



39, 6.412, 308.078



24, 90.037, 311.126



2, 22.216, 304.499

Previews

White Background



This preview shows how the CIELCh color 75, 48.251, 125.554 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, 48.251, 125.554 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, 48.251, 125.554

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.251, 125.554.

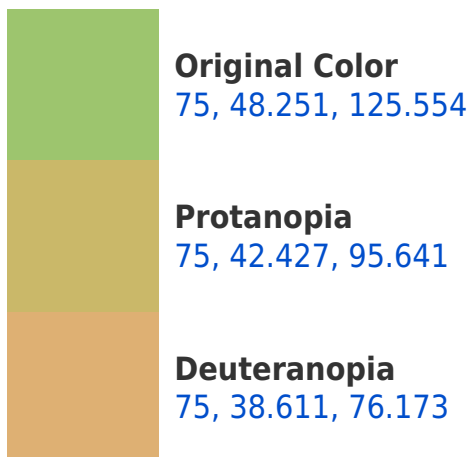


This preview shows how white text looks on a background with the CIELCh color 75, 48.251, 125.554.

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, 9.501, 252.043

Trichromacy



Original Color
75, 48.251, 125.554

Protanomaly
75, 42.994, 107.742

Deuteranomaly
74, 38.117, 97.557

Tritanomaly
75, 15.845, 146.899

Monochromacy



Original Color
75, 48.251, 125.554

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 18.258, 127.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.251, 125.554 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(157, 197, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 110)  
}
```

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(157, 197, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.251, 125.554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

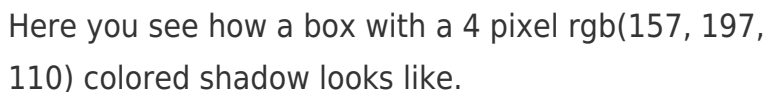
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 197, 110) }
```

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

```
.border{ border-color:rgb(157, 197, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 197, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 197, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 197, 110); box-shadow:4px 4px 4px 4px rgb(157, 197, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.251, 125.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 110) }
```

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

```
.background{ background-color: rgb(157,  
197, 110) }
```

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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