

Converting Colors

CIELCh(75, 39.112, 126.200)

Have a look what the booklet for
CIELCh(75, 39.112, 126.200)
contains.

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Color

CIELCh(75, 39.277, 126.365)

Conversions

Conversions Part 1

Format	Color
Hex	A2C37D
RGB	162, 195, 125
RGB Percent	64%, 76%, 49%
CMY	0.3641, 0.2347, 0.5093
CMYK	0.17, 0.00, 0.36, 0.23
HSL	88°, 37%, 63%
HSV	88°, 36%, 77%
XYZ	38.1893, 48.2781, 26.7544
YIQ	177.1530, 2.8020, -28.7660

Conversions

Conversions Part 2

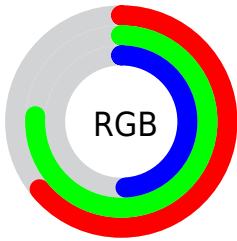
Format	Color
RYB	125, 195, 158
Decimal	10666877
CIELab	75.00, -23.29, 31.63
CIElCh	75, 39.277, 126.365
Yxy	48.2781, 0.3373, 0.4264
Android (android.graphics.Color)	4288856957 (0xFFA2C37D)
YUV	177.1530, -25.7114, -13.2892
Hunter-Lab	69.4824, -23.4862, 25.8079

Details

The CIELCh color **75, 39.277, 126.365** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 41.469, 309.907**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 39.573, 126.223**, and **55, 39.128, 126.407** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.801, 125.909**, and if you desaturate by 10%, it is **76, 28.453, 126.854**.

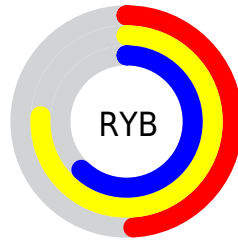
Distribution



Red (64%)

Green (76%)

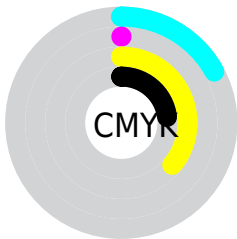
Blue (49%)



Red (49%)

Yellow (76%)

Blue (62%)

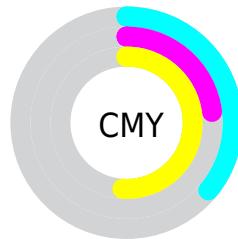


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (23%)



Cyan (36%)


Magenta (23%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.277, 126.365 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, 39.277, 126.365 by changing the saturation by 10% instead.


 75, 39.277,
126.365

 75, 39.277,
126.365


 100, 39.277,
126.365


 65, 39.277,
126.365


 95, 39.277,
126.365

 55, 39.277,
126.365

 45, 39.277,
126.365

 35, 39.277,
126.365

 25, 39.277,
126.365

 15, 39.277,
126.365

 5, 39.277, 126.365

■ 0, 39.277, 126.365

■ 75, 39.277,
126.365

■ 75, 39.277,
126.365

■ 74, 49.801,
125.909

■ 76, 28.453,
126.854

■ 73, 59.797,
125.532

■ 77, 17.477,
127.343

■ 73, 68.950,
125.311

■ 78, 6.456, 127.820

■ 72, 76.837,
125.353

■ 79, 4.535, 308.217

■ 71, 82.985,
125.785

■ 81, 15.445,
308.637

■ 71, 87.078,
126.699

■ 82, 26.234,
309.008

■ 83, 33.520,

■ 71, 88.425,
127.130

311.019

■ 84, 34.572,
316.051

■ 85, 35.866,
320.834

Harmonies

Complementary

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



75, 39.277, 126.365



58, 41.469, 309.907

Rectangle

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



75, 39.277, 126.365



75, 39.277, 176.365



75, 39.277, 306.365



75, 39.277, 356.365

Sweetspot

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



75, 39.279, 126.367



98, 14.918, 127.568



68, 24.148, 67.499



52, 10.108, 127.502



0, 0.000, 0.000



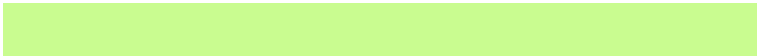
53, 0.007, 296.813

Same Dimension

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



75, 39.279, 126.367



94, 57.663, 126.005



73, 45.496, 141.069



40, 6.201, 127.654



59, 76.382, 126.892



11, 20.913, 131.420

Inverse Universe

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



58, 41.469, 309.907



68, 61.707, 310.356



62, 45.550, 325.389



38, 6.290, 308.483



24, 88.768, 311.386



2, 20.120, 304.362

Previews

White Background



This preview shows how the CIELCh color 75, 39.277, 126.365 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, 39.277, 126.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

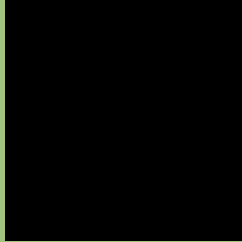
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.277, 126.365

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.277, 126.365.



This preview shows how white text looks on a background with the CIELCh color 75, 39.277, 126.365.

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](#).

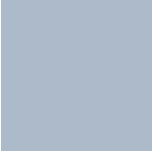
Dichromacy



Original Color
75, 39.277, 126.365

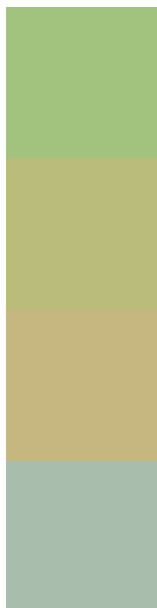
Protanopia
75, 34.222, 95.593

Deuteranopia
75, 31.435, 72.516



Tritanopia
75, 9.205, 261.134

Trichromacy



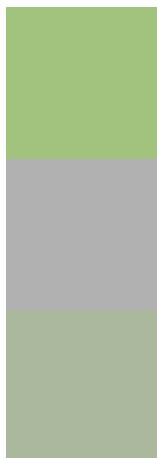
Original Color
75, 39.277, 126.365

Protanomaly
75, 34.437, 108.246

Deuteranomaly
74, 30.064, 95.340

Tritanomaly
75, 11.474, 149.866

Monochromacy



Original Color
75, 39.277, 126.365

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 14.794, 127.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.277, 126.365 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(162, 195, 125)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 125)  
}
```

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(162, 195, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.277, 126.365 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(162, 195, 125) }
```

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

```
.border{ border-color:rgb(162, 195, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 125);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.277, 126.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 125) }
```

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

```
.background{ background-color: rgb(162,  
195, 125) }
```

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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