

Converting Colors

CIELCh(73, 62.792, 123.437)

Have a look what the booklet for
CIELCh(73, 62.792, 123.437)
contains.

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Color

CIELCh(73, 62.792, 123.437)

Conversions

Conversions Part 1

Format	Color
Hex	91C24D
RGB	145, 194, 77
RGB Percent	57%, 76%, 30%
CMY	0.4312, 0.2390, 0.6979
CMYK	0.25, 0.00, 0.60, 0.24
HSL	85°, 49%, 53%
HSV	85°, 60%, 76%
XYZ	32.3283, 45.1644, 14.0431
YIQ	166.0110, 8.3530, -46.7750

Conversions

Conversions Part 2

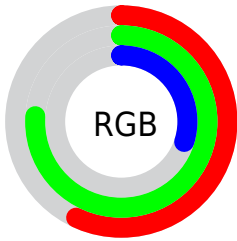
Format	Color
RYB	77, 194, 126
Decimal	9552461
CIELab	73.00, -34.60, 52.40
CIELCh	73, 62.792, 123.437
Yxy	45.1644, 0.3532, 0.4934
Android (android.graphics.Color)	4287742541 (0xFF91C24D)
YUV	166.0110, -43.8824, -18.4266
Hunter-Lab	67.2044, -31.7413, 34.6538

Details

The CIELCh color **73, 62.792, 123.437** 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 **44, 70.173, 309.758**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 63.024, 123.599**, and **53, 62.773, 123.260** is the 20% darker color. If you saturate the color by 10%, you get **72, 71.243, 123.319**, and if you desaturate by 10%, it is **74, 53.329, 123.761**.

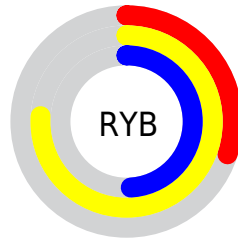
Distribution



Red (57%)

Green (76%)

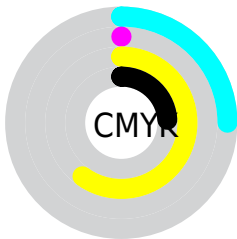
Blue (30%)



Red (30%)

Yellow (76%)

Blue (49%)

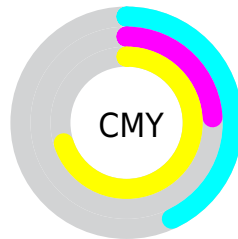


Cyan (25%)

Magenta (0%)

Yellow (60%)

Black (24%)



Cyan (43%)


Magenta (24%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 62.792, 123.437 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 73, 62.792, 123.437 by changing the saturation by 10% instead.


 73, 62.792,
123.437


 73, 62.792,
123.437


 100, 62.792,
123.437


 63, 62.792,
123.437


 93, 62.792,
123.437

 53, 62.792,
123.437

 43, 62.792,
123.437

 33, 62.792,
123.437

 23, 62.792,
123.437

 13, 62.792,
123.437

 3, 62.792, 123.437

0, 62.792, 123.437

73, 62.792,
123.437

73, 62.792,
123.437

72, 71.243,
123.319

74, 53.329,
123.761

72, 78.224,
123.519

74, 43.213,
124.198

71, 83.300,
124.155

75, 32.703,
124.689

71, 86.521,
125.157

76, 21.975,
125.198

77, 11.149,
125.701

78, 0.310, 126.456

■ 80, 10.484,
306.609

■ 81, 21.191,
307.027

■ 82, 31.781,
307.408

Harmonies

Complementary

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



73, 62.792, 123.437



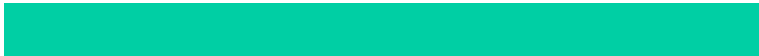
44, 70.173, 309.758

Rectangle

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



73, 62.792, 123.437



73, 62.792, 173.437



73, 62.792, 303.437



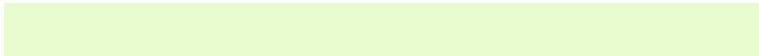
73, 62.792, 353.437

Sweetspot

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



73, 62.793, 123.438



97, 24.138, 125.300



59, 42.957, 59.789



52, 16.903, 125.149



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 62.793, 123.438



92, 89.464, 123.338



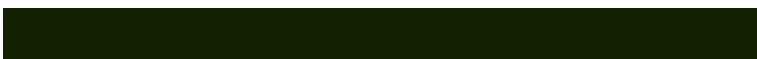
70, 72.261, 137.735



40, 6.132, 125.747



60, 75.074, 124.928



11, 20.526, 129.341

Inverse Universe

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



44, 70.173, 309.758



49, 102.765, 310.396



51, 72.233, 324.847



38, 6.229, 306.633



23, 89.749, 310.326



2, 19.973, 302.630

Previews

White Background



This preview shows how the CIELCh color 73, 62.792, 123.437 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 73, 62.792, 123.437 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 73, 62.792, 123.437

Background



This preview shows how black text looks on a background with the CIELCh color 73, 62.792, 123.437.



This preview shows how white text looks on a background with the CIELCh color 73, 62.792, 123.437.

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

73, 62.792, 123.437

Protanopia

73, 55.370, 95.552

Deuteranopia

73, 51.256, 79.800



Tritanopia
73, 10.417, 246.085

Trichromacy



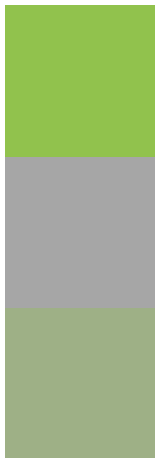
Original Color
73, 62.792, 123.437

Protanomaly
72, 56.246, 106.903

Deuteranomaly
72, 51.365, 98.233

Tritanomaly
72, 21.498, 141.800

Monochromacy



Original Color
73, 62.792, 123.437

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 23.899, 125.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 62.792, 123.437 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(145, 194, 77)` looks like.

```
.text, #text, p{  
    color:rgb(145, 194, 77)  
}
```

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(145, 194, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 194, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 62.792, 123.437 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(145, 194, 77) }
```

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

```
.border{ border-color:rgb(145, 194, 77) }
```

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

Here you see how a box with a 4 pixel rgb(145, 194, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 194, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 194, 77);  
box-shadow:4px 4px 4px 4px rgb(145, 194,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 62.792, 123.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 194, 77) }
```

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

```
.background{ background-color: rgb(145,  
194, 77) }
```

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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