

Converting Colors

CIELCh(73, 62.750, 146.993)

Have a look what the booklet for
CIELCh(73, 62.750, 146.993)
contains.

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Color

CIELCh(73, 62.693, 147.055)

Conversions

Conversions Part 1

Format	Color
Hex	52CA72
RGB	82, 202, 114
RGB Percent	32%, 79%, 45%
CMY	0.6791, 0.2085, 0.5535
CMYK	0.59, 0.00, 0.44, 0.21
HSL	136°, 53%, 56%
HSV	136°, 59%, 79%
XYZ	27.5771, 45.1644, 23.1408
YIQ	156.0880, -43.2720, -52.8080

Conversions

Conversions Part 2

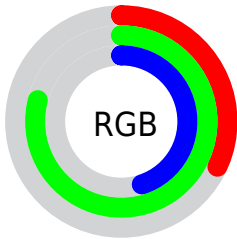
Format	Color
RYB	82, 177, 202
Decimal	5425778
CIELab	73.00, -52.61, 34.09
CIELCh	73, 62.693, 147.055
Yxy	45.1644, 0.2876, 0.4710
Android (android.graphics.Color)	4283615858 (0xFF52CA72)
YUV	156.0880, -20.7494, -64.9752
Hunter-Lab	67.2044, -44.3610, 26.6276

Details

The CIELCh color **73, 62.693, 147.055** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **53, 62.352, 337.518**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 60.072, 147.579**, and **53, 62.344, 146.566** is the 20% darker color. If you saturate the color by 10%, you get **72, 71.445, 145.505**, and if you desaturate by 10%, it is **74, 53.086, 148.427**.

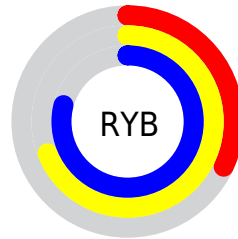
Distribution



Red (32%)

Green (79%)

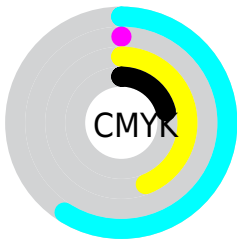
Blue (45%)



Red (32%)

Yellow (69%)

Blue (79%)

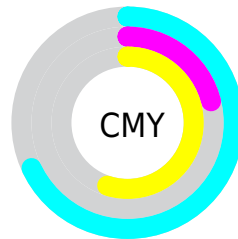


Cyan (59%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (68%)


Magenta (21%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 62.693, 147.055 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, 62.693, 147.055 by changing the saturation by 10% instead.


 73, 62.693,
147.055


 73, 62.693,
147.055


 100, 62.693,
147.055


 63, 62.693,
147.055


 93, 62.693,
147.055

 53, 62.693,
147.055

 43, 62.693,
147.055

 33, 62.693,
147.055

 23, 62.693,
147.055

 13, 62.693,
147.055

 3, 62.693, 147.055

0, 62.693, 147.055

73, 62.693,
147.055

73, 62.693,
147.055

72, 71.445,
145.505

74, 53.086,
148.427

72, 79.146,
143.793

75, 42.837,
149.626

71, 85.647,
141.965

76, 32.163,
150.667

71, 90.916,
140.156

78, 21.261,
151.571

71, 91.176,
140.068

80, 10.298,
152.368

81, 0.593, 332.457

■ 83, 11.311,
333.581

■ 86, 21.786,
334.120

■ 87, 30.090,
330.099

Harmonies

Complementary

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



73, 62.693, 147.055



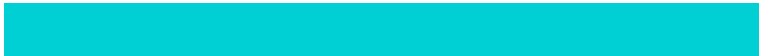
53, 62.352, 337.518

Rectangle

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



73, 62.693, 147.055



73, 62.693, 197.055



73, 62.693, 327.055



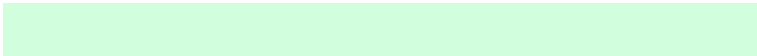
73, 62.693, 17.055

Sweetspot

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



73, 62.694, 147.055



96, 23.770, 151.673



77, 61.870, 117.186



51, 16.524, 151.423



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, 62.694, 147.055



89, 87.639, 145.088



74, 40.495, 174.345



42, 6.228, 152.372



59, 78.244, 140.350



12, 25.076, 147.854

Inverse Universe

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



53, 62.352, 337.518



62, 85.115, 338.783



51, 50.906, 9.951



40, 6.255, 333.567



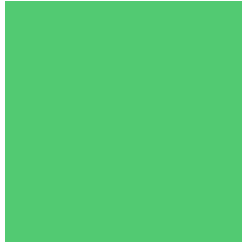
37, 68.440, 342.364



5, 23.344, 338.855

Previews

White Background



This preview shows how the CIELCh color 73, 62.693, 147.055 looks on a white background.

Color Contrast Check

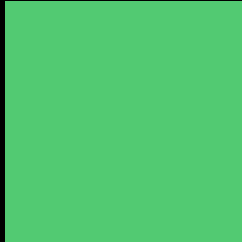
Large Text (above 18pt) WCAG AA × Fail

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, 62.693, 147.055 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, 62.693, 147.055

Background



This preview shows how black text looks on a background with the CIELCh color 73, 62.693, 147.055.

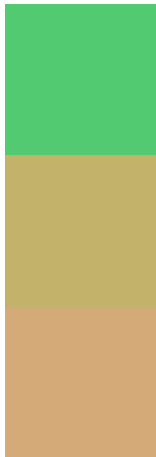


This preview shows how white text looks on a background with the CIELCh color 73, 62.693, 147.055.

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, 62.693, 147.055

Protanopia
73, 39.558, 95.668

Deuteranopia
72, 32.584, 73.275



Tritanopia
73, 26.334, 217.103

Trichromacy



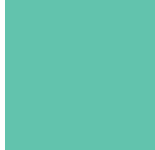
Original Color
73, 62.693, 147.055



Protanomaly
72, 43.876, 124.069



Deuteranomaly
71, 34.862, 118.373



Tritanomaly
73, 34.039, 176.148

Monochromacy



Original Color
73, 62.693, 147.055



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 24.406, 151.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 62.693, 147.055 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(82, 202, 114)` looks like.

```
.text, #text, p{  
    color:rgb(82, 202, 114)  
}
```

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(82, 202, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 202, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 62.693, 147.055 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(82, 202, 114) }
```

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

```
.border{ border-color:rgb(82, 202, 114) }
```

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

Here you see how a box with a 4 pixel rgb(82, 202, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 202, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 202, 114);  
box-shadow:4px 4px 4px 4px rgb(82, 202,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 62.693, 147.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 202, 114) }
```

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

```
.background{ background-color: rgb(82, 202,  
114) }
```

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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