

Converting Colors

CIELCh(73, 52.362, 120.396)

Have a look what the booklet for
CIELCh(73, 52.362, 120.396)
contains.

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Color

CIELCh(73, 52.622, 120.470)

Conversions

Conversions Part 1

Format	Color
Hex	9EBF5D
RGB	158, 191, 93
RGB Percent	62%, 75%, 36%
CMY	0.3815, 0.2521, 0.6363
CMYK	0.17, 0.00, 0.51, 0.25
HSL	80°, 43%, 56%
HSV	80°, 51%, 75%
XYZ	34.5782, 45.1644, 17.1898
YIQ	169.9610, 11.7900, -37.4740

Conversions

Conversions Part 2

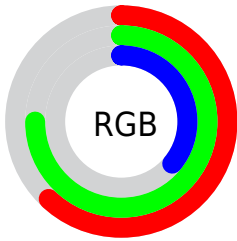
Format	Color
RYB	93, 191, 126
Decimal	10403677
CIELab	73.00, -26.68, 45.35
CIELCh	73, 52.622, 120.470
Yxy	45.1644, 0.3567, 0.4659
Android (android.graphics.Color)	4288593757 (0xFF9EBF5D)
YUV	169.9610, -37.9418, -10.4898
Hunter-Lab	67.2044, -25.7656, 31.8777

Details

The CIELCh color **73, 52.622, 120.470** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **47, 58.572, 306.766**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 52.223, 120.520**, and **53, 52.408, 120.460** is the 20% darker color. If you saturate the color by 10%, you get **72, 61.636, 120.131**, and if you desaturate by 10%, it is **74, 42.926, 120.937**.

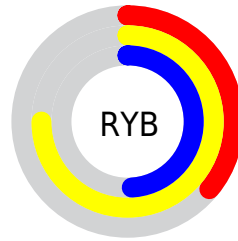
Distribution



Red (62%)

Green (75%)

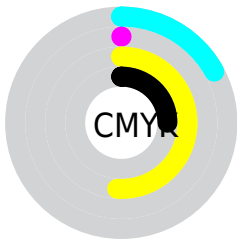
Blue (36%)



Red (36%)

Yellow (75%)

Blue (49%)

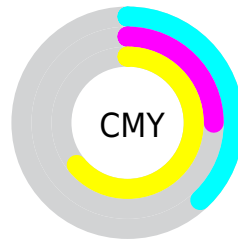


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (25%)



Cyan (38%)


Magenta (25%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 52.622, 120.470 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, 52.622, 120.470 by changing the saturation by 10% instead.


 73, 52.622,
120.470


 73, 52.622,
120.470


 100, 52.622,
120.470


 63, 52.622,
120.470


 93, 52.622,
120.470

 53, 52.622,
120.470

 43, 52.622,
120.470

 33, 52.622,
120.470

 23, 52.622,
120.470

 13, 52.622,
120.470

 3, 52.622, 120.470

0, 52.622, 120.470

73, 52.622,
120.470

73, 52.622,
120.470

72, 61.636,
120.131

74, 42.926,
120.937

72, 69.596,
120.001

74, 32.808,
121.466

71, 76.049,
120.191

75, 22.446,
122.021

71, 80.579,
120.810

76, 11.962,
122.576

71, 83.126,
121.645

77, 1.437, 123.148

78, 9.069, 303.610

79, 19.517,

304.091

■ 80, 29.877,
304.537

■ 81, 35.314,
306.433

Harmonies

Complementary

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



73, 52.622, 120.470



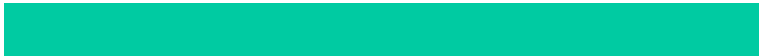
47, 58.572, 306.766

Rectangle

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



73, 52.622, 120.470



73, 52.622, 170.470



73, 52.622, 300.470



73, 52.622, 350.470

Sweetspot

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



73, 52.623, 120.472



96, 19.478, 122.362



59, 35.569, 52.282



51, 13.393, 122.244



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 52.623, 120.472



91, 76.594, 120.093



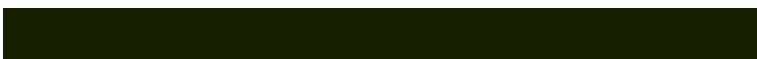
70, 60.404, 136.648



40, 5.908, 122.687



59, 72.242, 121.429



10, 18.182, 126.809

Inverse Universe

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



47, 58.572, 306.766



53, 87.926, 307.710



52, 61.275, 321.990



37, 6.013, 303.690



21, 90.122, 308.954



1, 17.719, 299.934

Previews

White Background



This preview shows how the CIELCh color 73, 52.622, 120.470 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, 52.622, 120.470 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, 52.622, 120.470

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.622, 120.470.



This preview shows how white text looks on a background with the CIELCh color 73, 52.622, 120.470.

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, 52.622, 120.470

Protanopia
73, 47.999, 95.524

Deuteranopia
73, 44.683, 77.467



Tritanopia
73, 8.185, 267.840

Trichromacy



Original Color
73, 52.622, 120.470

Protanomaly
73, 48.489, 105.416

Deuteranomaly
73, 44.185, 95.091

Tritanomaly
73, 16.190, 134.046

Monochromacy



Original Color
73, 52.622, 120.470

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 20.071, 121.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.622, 120.470 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(158, 191, 93)` looks like.

```
.text, #text, p{  
    color:rgb(158, 191, 93)  
}
```

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(158, 191, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 191, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.622, 120.470 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(158, 191, 93) }
```

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

```
.border{ border-color:rgb(158, 191, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 191, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 191, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 191, 93);  
box-shadow:4px 4px 4px 4px rgb(158, 191,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.622, 120.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 191, 93) }
```

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

```
.background{ background-color: rgb(158,  
191, 93) }
```

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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