

Converting Colors

CIELCh(73, 56.530, 121.707)

Have a look what the booklet for
CIELCh(73, 56.530, 121.707)
contains.

CIELCh(73, 56.441, 121.744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 56.441, 121.744)

Conversions

Conversions Part 1

Format	Color
Hex	99C057
RGB	153, 192, 87
RGB Percent	60%, 75%, 34%
CMY	0.4000, 0.2470, 0.6588
CMYK	0.20, 0.00, 0.55, 0.25
HSL	82°, 45%, 55%
HSV	82°, 55%, 75%
XYZ	33.7105, 45.1644, 15.9594
YIQ	168.3690, 10.4610, -40.9230

Conversions

Conversions Part 2

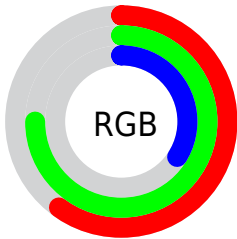
Format	Color
RYB	87, 192, 126
Decimal	10076247
CIELab	73.00, -29.70, 48.00
CIELCh	73, 56.441, 121.744
Yxy	45.1644, 0.3555, 0.4762
Android (android.graphics.Color)	4288266327 (0xFF99C057)
YUV	168.3690, -40.1149, -13.4786
Hunter-Lab	67.2044, -28.0703, 32.9632

Details

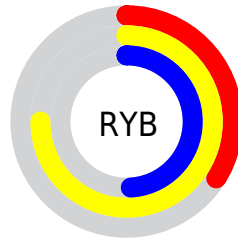
The CIELCh color **73, 56.441, 121.744** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **46, 62.932, 308.034**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 56.569, 121.990**, and **53, 56.209, 121.740** is the 20% darker color. If you saturate the color by 10%, you get **72, 65.297, 121.484**, and if you desaturate by 10%, it is **74, 46.793, 122.158**.

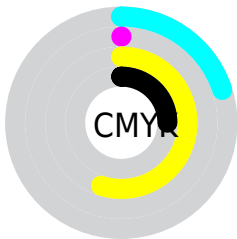
Distribution



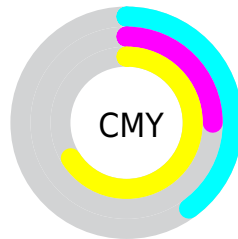
- Red (60%)
- Green (75%)
- Blue (34%)



- Red (34%)
- Yellow (75%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (55%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 56.441, 121.744 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, 56.441, 121.744 by changing the saturation by 10% instead.

 73, 56.441,
121.744

 73, 56.441,
121.744


 100, 56.441,
121.744

 63, 56.441,
121.744


 93, 56.441,
121.744

 53, 56.441,
121.744

 43, 56.441,
121.744

 33, 56.441,
121.744

 23, 56.441,
121.744

 13, 56.441,
121.744

 3, 56.441, 121.744

0, 56.441, 121.744

73, 56.441,
121.744

73, 56.441,
121.744

72, 65.297,
121.484

74, 46.793,
122.158

72, 72.953,
121.471

74, 36.648,
122.651

71, 78.946,
121.824

75, 26.212,
123.179

71, 82.925,
122.644

76, 15.623,
123.712

71, 84.495,
123.191

77, 4.978, 124.239

78, 5.658, 304.704

79, 16.238,

305.173

■ 81, 26.729,
305.603

■ 82, 34.643,
306.873

Harmonies

Complementary

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



73, 56.441, 121.744



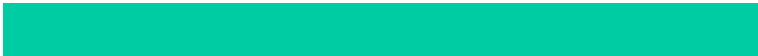
46, 62.932, 308.034

Rectangle

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



73, 56.441, 121.744



73, 56.441, 171.744



73, 56.441, 301.744



73, 56.441, 351.744

Sweetspot

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



73, 56.442, 121.746



96, 21.081, 123.628



59, 38.226, 55.375



51, 14.226, 123.518



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, 56.442, 121.746



92, 81.968, 121.454



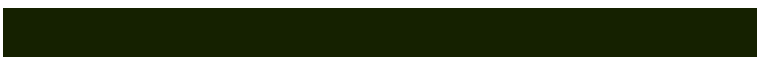
70, 64.909, 137.169



41, 6.076, 123.992



60, 73.920, 122.980



11, 20.176, 127.260

Inverse Universe

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



46, 62.932, 308.034



51, 94.238, 308.892



52, 65.493, 323.127



38, 6.180, 304.942



22, 90.605, 309.487



2, 19.864, 301.178

Previews

White Background



This preview shows how the CIELCh color 73, 56.441, 121.744 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, 56.441, 121.744 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, 56.441, 121.744

Background



This preview shows how black text looks on a background with the CIELCh color 73, 56.441, 121.744.



This preview shows how white text looks on a background with the CIELCh color 73, 56.441, 121.744.

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](#).

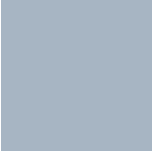
Dichromacy



Original Color
73, 56.441, 121.744

Protanopia
73, 50.804, 95.747

Deuteranopia
73, 46.973, 78.577



Tritanopia
73, 8.966, 257.395

Trichromacy



Original Color
73, 56.441, 121.744

Protanomaly
73, 51.741, 106.077

Deuteranomaly
72, 46.434, 96.420

Tritanomaly
73, 18.041, 137.872

Monochromacy



Original Color
73, 56.441, 121.744

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 21.342, 123.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 56.441, 121.744 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(153, 192, 87)` looks like.

```
.text, #text, p{  
    color:rgb(153, 192, 87)  
}
```

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(153, 192, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 192, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 56.441, 121.744 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(153, 192, 87) }
```

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

```
.border{ border-color:rgb(153, 192, 87) }
```

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

Here you see how a box with a 4 pixel rgb(153, 192, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 192, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 192, 87);  
box-shadow:4px 4px 4px 4px rgb(153, 192,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 56.441, 121.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 192, 87) }
```

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

```
.background{ background-color: rgb(153,  
192, 87) }
```

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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