

Converting Colors

CIELCh(72, 54.029, 157.567)

Have a look what the booklet for
CIELCh(72, 54.029, 157.567)
contains.

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Color

CIELCh(72, 54.287, 157.467)

Conversions

Conversions Part 1

Format	Color
Hex	43C789
RGB	67, 199, 137
RGB Percent	26%, 78%, 54%
CMY	0.7389, 0.2210, 0.4640
CMYK	0.66, 0.00, 0.31, 0.22
HSL	152°, 54%, 52%
HSV	152°, 66%, 78%
XYZ	27.1194, 43.6590, 30.5417
YIQ	152.4640, -58.7700, -47.2660

Conversions

Conversions Part 2

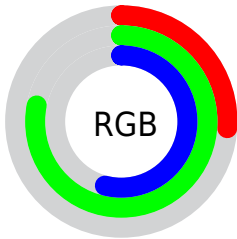
Format	Color
RYB	67, 153, 199
Decimal	4441993
CIELab	72.00, -50.14, 20.80
CIElCh	72, 54.287, 157.467
Yxy	43.6590, 0.2677, 0.4309
Android (android.graphics.Color)	4282632073 (0xFF43C789)
YUV	152.4640, -7.6238, -74.9519
Hunter-Lab	66.0750, -42.3688, 18.8470

Details

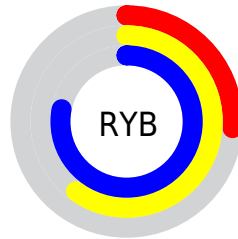
The CIELCh color **72, 54.287, 157.467** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **49, 57.997, 354.026**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 53.276, 157.980**, and **53, 51.398, 155.536** is the 20% darker color. If you saturate the color by 10%, you get **71, 60.381, 155.645**, and if you desaturate by 10%, it is **73, 47.415, 159.082**.

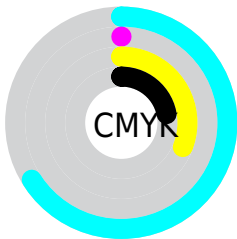
Distribution



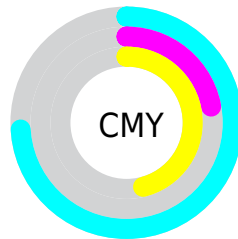
- Red (26%)
- Green (78%)
- Blue (54%)



- Red (26%)
- Yellow (60%)
- Blue (78%)



- Cyan (66%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (74%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 54.287, 157.467 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 72, 54.287, 157.467 by changing the saturation by 10% instead.


 72, 54.287,
157.467

 72, 54.287,
157.467


 100, 54.287,
157.467

 62, 54.287,
157.467


 92, 54.287,
157.467

 52, 54.287,
157.467

 42, 54.287,
157.467

 32, 54.287,
157.467

 22, 54.287,
157.467

 12, 54.287,
157.467

 2, 54.287, 157.467

0, 54.287, 157.467

72, 54.287,
157.467

72, 54.287,
157.467

71, 60.381,
155.645

73, 47.415,
159.082

71, 65.649,
153.611

74, 39.867,
160.510

71, 70.132,
151.389

75, 31.780,
161.775

71, 71.610,
150.619

76, 23.303,
162.903

77, 14.580,
163.918

79, 5.739, 164.869

■ 81, 3.112, 345.489

■ 83, 11.888,
346.344

■ 85, 20.528,
347.059

Harmonies

Complementary

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



72, 54.287, 157.467



49, 57.997, 354.026

Rectangle

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



72, 54.287, 157.467



72, 54.287, 207.467



72, 54.287, 337.467



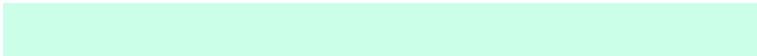
72, 54.287, 27.467

Sweetspot

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



72, 54.288, 157.467



96, 21.631, 163.543



73, 71.378, 126.902



51, 14.736, 163.253



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 54.288, 157.467



89, 75.982, 154.715



73, 35.693, 198.730



41, 5.025, 164.593



59, 61.449, 150.978



11, 19.557, 157.320

Inverse Universe

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



49, 57.997, 354.026



58, 79.307, 357.933



48, 59.482, 30.064



39, 5.097, 346.096



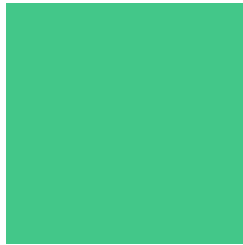
35, 60.507, 4.474



4, 17.573, 354.843

Previews

White Background



This preview shows how the CIELCh color 72, 54.287, 157.467 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 CIE LCh color 72, 54.287, 157.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

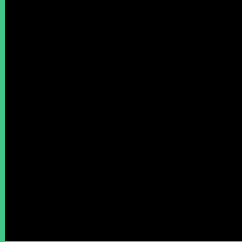
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 54.287, 157.467

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.287, 157.467.

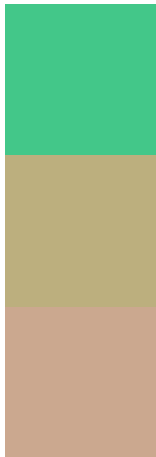


This preview shows how white text looks on a background with the CIELCh color 72, 54.287, 157.467.

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
72, 54.287, 157.467

Protanopia
71, 26.997, 95.947

Deuteranopia
71, 19.922, 62.775

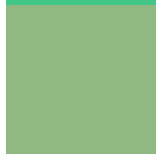


Tritanopia
72, 29.411, 213.672

Trichromacy



Original Color
72, 54.287, 157.467



Protanomaly
71, 33.132, 135.577



Deuteranomaly
70, 23.047, 134.285

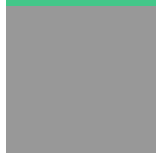


Tritanomaly
72, 34.604, 184.850

Monochromacy



Original Color
72, 54.287, 157.467



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 22.049, 162.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 54.287, 157.467 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(67, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(67, 199, 137)  
}
```

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(67, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 199, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.287, 157.467 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(67, 199, 137) }
```

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

```
.border{ border-color:rgb(67, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(67, 199,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.287, 157.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 199, 137) }
```

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

```
.background{ background-color: rgb(67, 199,  
137) }
```

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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