

Converting Colors

CIELCh(72, 53.773, 154.277)

Have a look what the booklet for
CIELCh(72, 53.773, 154.277)
contains.

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Color

CIELCh(72, 53.792, 154.230)

Conversions

Conversions Part 1

Format	Color
Hex	4FC684
RGB	79, 198, 132
RGB Percent	31%, 78%, 52%
CMY	0.6907, 0.2239, 0.4827
CMYK	0.60, 0.00, 0.33, 0.22
HSL	147°, 51%, 54%
HSV	147°, 60%, 78%
XYZ	27.5419, 43.6590, 28.7694
YIQ	154.8950, -49.7380, -45.7540

Conversions

Conversions Part 2

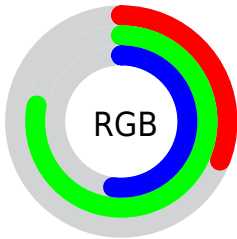
Format	Color
RYB	79, 161, 198
Decimal	5228164
CIELab	72.00, -48.44, 23.39
CIELCh	72, 53.792, 154.230
Yxy	43.6590, 0.2755, 0.4367
Android (android.graphics.Color)	4283418244 (0xFF4FC684)
YUV	154.8950, -11.2872, -66.5599
Hunter-Lab	66.0750, -41.2275, 20.4373

Details

The CIELCh color **72, 53.792, 154.230** 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 **51, 55.633, 347.213**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 53.688, 154.184**, and **52, 52.941, 153.668** is the 20% darker color. If you saturate the color by 10%, you get **71, 61.074, 152.557**, and if you desaturate by 10%, it is **73, 45.784, 155.704**.

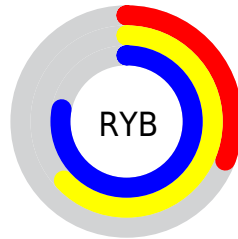
Distribution



Red (31%)

Green (78%)

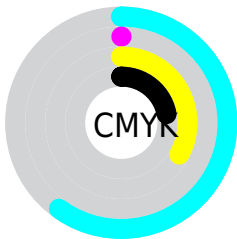
Blue (52%)



Red (31%)

Yellow (63%)

Blue (78%)

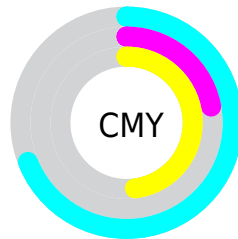


Cyan (60%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (69%)


Magenta (22%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 53.792, 154.230 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, 53.792, 154.230 by changing the saturation by 10% instead.


 72, 53.792,
154.230


 72, 53.792,
154.230


 100, 53.792,
154.230


 62, 53.792,
154.230


 92, 53.792,
154.230

 52, 53.792,
154.230

 42, 53.792,
154.230

 32, 53.792,
154.230

 22, 53.792,
154.230

 12, 53.792,
154.230

 2, 53.792, 154.230

0, 53.792, 154.230

72, 53.792,
154.230

72, 53.792,
154.230

71, 61.074,
152.557

73, 45.784,
155.704

71, 67.522,
150.675

74, 37.195,
156.999

70, 73.095,
148.596

75, 28.185,
158.138

70, 77.851,
146.454

77, 18.913,
159.148

78, 9.519, 160.058

80, 0.124, 163.919

82, 9.182, 341.493

■ 84, 18.327,
342.168

■ 86, 26.715,
341.724

Harmonies

Complementary

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



72, 53.792, 154.230



51, 55.633, 347.213

Rectangle

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



72, 53.792, 154.230



72, 53.792, 204.230



72, 53.792, 334.230



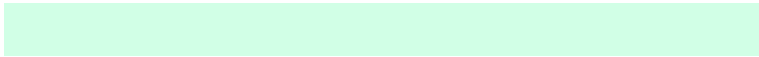
72, 53.792, 24.230

Sweetspot

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



72, 53.793, 154.230



96, 20.772, 159.324



74, 63.890, 123.994



51, 14.427, 159.043



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, 53.793, 154.230



89, 76.325, 152.024



73, 35.414, 189.716



41, 5.345, 160.125



59, 66.981, 146.797



11, 20.904, 153.729

Inverse Universe

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



51, 55.633, 347.213



61, 77.444, 349.556



50, 52.190, 22.765



39, 5.398, 341.524



35, 61.581, 356.553



4, 18.444, 349.626

Previews

White Background



This preview shows how the CIELCh color 72, 53.792, 154.230 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 72, 53.792, 154.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

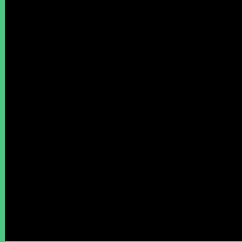
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 53.792, 154.230

Background



This preview shows how black text looks on a background with the CIELCh color 72, 53.792, 154.230.

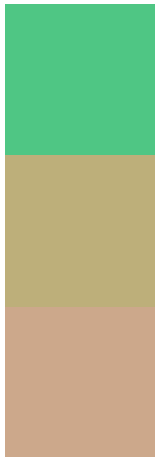


This preview shows how white text looks on a background with the CIELCh color 72, 53.792, 154.230.

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, 53.792, 154.230

Protanopia
71, 29.169, 95.690

Deuteranopia
71, 21.862, 65.754



Tritanopia
72, 27.339, 215.091

Trichromacy



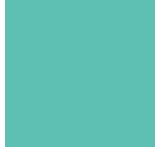
Original Color
72, 53.792, 154.230



Protanomaly
71, 33.537, 130.957



Deuteranomaly
70, 24.596, 126.723



Tritanomaly
72, 32.500, 183.226

Monochromacy



Original Color
72, 53.792, 154.230



Achromatopsia
64, 0.008, 296.813



Achromatomaly
66, 21.269, 159.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 53.792, 154.230 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(79, 198, 132)` looks like.

```
.text, #text, p{  
    color:rgb(79, 198, 132)  
}
```

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(79, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 198, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 53.792, 154.230 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(79, 198, 132) }
```

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

```
.border{ border-color:rgb(79, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 198, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 198, 132);  
box-shadow:4px 4px 4px 4px rgb(79, 198,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 53.792, 154.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 198, 132) }
```

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

```
.background{ background-color: rgb(79, 198,  
132) }
```

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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