

Converting Colors

CIELCh(67, 53.092, 149.717)

Have a look what the booklet for
CIELCh(67, 53.092, 149.717)
contains.

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Color

CIELCh(67, 53.092, 149.717)

Conversions

Conversions Part 1	
Format	Color
Hex	4FB771
RGB	79, 183, 113
RGB Percent	31%, 72%, 44%
CMY	0.6910, 0.2831, 0.5575
CMYK	0.57, 0.00, 0.38, 0.28
HSL	140°, 42%, 51%
HSV	140°, 57%, 72%
XYZ	23.0739, 36.6320, 21.4266
YIQ	143.9240, -39.5140, -43.8180

Conversions

Conversions Part 2

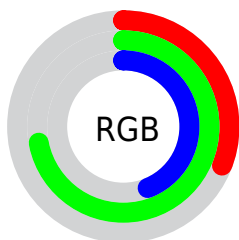
Format	Color
RYB	79, 157, 183
Decimal	5224305
CIELab	67.00, -45.85, 26.77
CIELCh	67, 53.092, 149.717
Yxy	36.6320, 0.2844, 0.4515
Android (android.graphics.Color)	4283414385 (0xFF4FB771)
YUV	143.9240, -15.2455, -56.9383
Hunter-Lab	60.5244, -37.8674, 21.3775

Details

The CIELCh color **67, 53.092, 149.717** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **49, 53.464, 340.149**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 53.423, 149.565**, and **47, 53.106, 149.705** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.033, 148.185**, and if you desaturate by 10%, it is **68, 44.473, 151.063**.

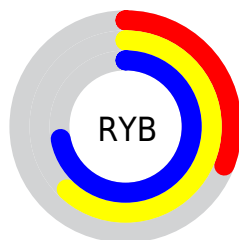
Distribution



Red (31%)

Green (72%)

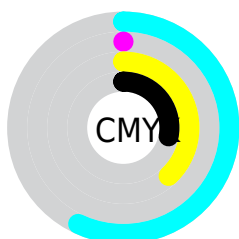
Blue (44%)



Red (31%)

Yellow (62%)

Blue (72%)

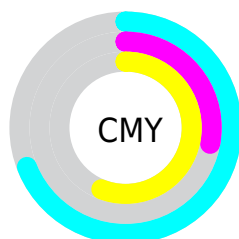


Cyan (57%)

Magenta (0%)

Yellow (38%)

Black (28%)



Cyan (69%)


Magenta (28%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 53.092, 149.717 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 67, 53.092, 149.717 by changing the saturation by 10% instead.


 67, 53.092,
149.717


 67, 53.092,
149.717


 100, 53.092,
149.717


 57, 53.092,
149.717


 87, 53.092,
149.717

 47, 53.092,
149.717

 97, 53.092,
149.717


 37, 53.092,
149.717


 27, 53.092,
149.717


 17, 53.092,
149.717

 7, 53.092, 149.717

 0, 53.092, 149.717


 67, 53.092,
149.717


 67, 53.092,
149.717


 66, 61.033,
148.185


 68, 44.473,
151.063


 66, 68.140,
146.466


 69, 35.348,
152.238

 65, 74.301,
144.580

 70, 25.894,
153.263


 65, 79.481,
142.596


 72, 16.270,
154.160


 65, 80.953,
142.021

 73, 6.613, 154.970

 75, 2.970, 335.498

 77, 12.397,
336.191

 79, 21.610,
336.747

 81, 30.573,
337.242

Harmonies

Complementary

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



67, 53.092, 149.717



49, 53.464, 340.149

Rectangle

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



67, 53.092, 149.717



67, 53.092, 199.717



67, 53.092, 329.717



67, 53.092, 19.717

Sweetspot

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



67, 53.093, 149.717



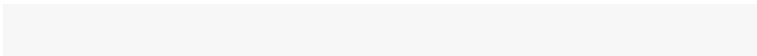
90, 20.229, 154.128



70, 55.525, 119.430



48, 13.644, 153.956



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 53.093, 149.717



84, 76.198, 147.817



68, 34.737, 178.931



38, 5.461, 154.775



56, 71.399, 142.298



8, 15.970, 151.939

Inverse Universe

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



49, 53.464, 340.149



59, 75.306, 341.591



48, 45.042, 13.017



36, 5.492, 336.016



34, 62.916, 346.604



3, 13.752, 340.844

Previews

White Background



This preview shows how the CIELCh color 67, 53.092, 149.717 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 67, 53.092, 149.717 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 67, 53.092, 149.717

Background



This preview shows how black text looks on a background with the CIELCh color 67, 53.092, 149.717.



This preview shows how white text looks on a background with the CIELCh color 67, 53.092, 149.717.

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

67, 53.092, 149.717

Protanopia

67, 32.166, 95.986

Deuteranopia

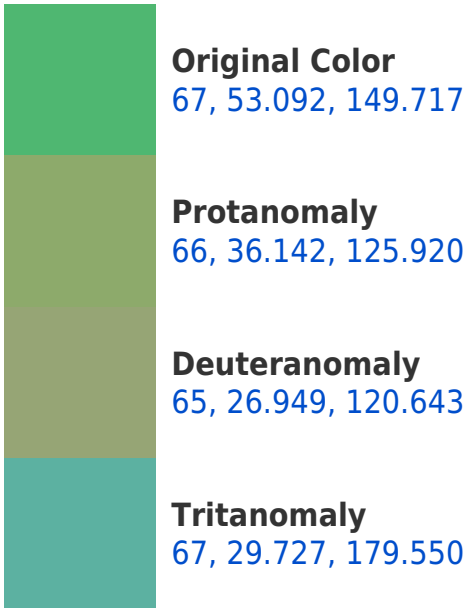
66, 25.347, 70.753



Tritanopia

67, 24.261, 216.429

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 53.092, 149.717 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, 183, 113)` looks like.

```
.text, #text, p{  
    color:rgb(79, 183, 113)  
}
```

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, 183, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 183, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 53.092, 149.717 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, 183, 113) }
```

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

```
.border{ border-color:rgb(79, 183, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 183, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 183, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 183, 113);  
box-shadow:4px 4px 4px 4px rgb(79, 183,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 53.092, 149.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 183, 113) }
```

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

```
.background{ background-color: rgb(79, 183,  
113) }
```

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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