

Converting Colors

CIELCh(66, 53.923, 149.555)

Have a look what the booklet for
CIELCh(66, 53.923, 149.555)
contains.

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Color

CIELCh(66, 53.923, 149.555)

Conversions

Conversions Part 1

Format	Color
Hex	4AB46D
RGB	74, 180, 109
RGB Percent	29%, 71%, 43%
CMY	0.7087, 0.2931, 0.5716
CMYK	0.59, 0.00, 0.39, 0.29
HSL	140°, 42%, 50%
HSV	140°, 59%, 71%
XYZ	21.9925, 35.3238, 20.1941
YIQ	140.2120, -40.3850, -44.5530

Conversions

Conversions Part 2

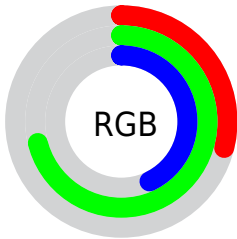
Format	Color
RYB	74, 154, 180
Decimal	4895853
CIELab	66.00, -46.49, 27.32
CIELCh	66, 53.923, 149.555
Yxy	35.3238, 0.2837, 0.4557
Android (android.graphics.Color)	4283085933 (0xFF4AB46D)
YUV	140.2120, -15.3875, -58.0679
Hunter-Lab	59.4338, -37.9581, 21.4585

Details

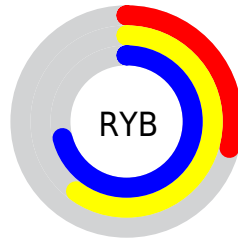
The CIELCh color **66, 53.923, 149.555** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **48, 54.222, 340.489**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 54.118, 149.354**, and **46, 53.202, 148.789** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.615, 147.988**, and if you desaturate by 10%, it is **67, 45.533, 150.935**.

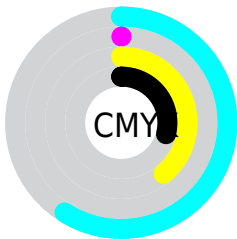
Distribution



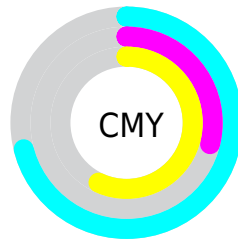
- Red (29%)
- Green (71%)
- Blue (43%)



- Red (29%)
- Yellow (60%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 53.923, 149.555 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 66, 53.923, 149.555 by changing the saturation by 10% instead.


 66, 53.923,
149.555


 66, 53.923,
149.555


 100, 53.923,
149.555


 56, 53.923,
149.555


 86, 53.923,
149.555

 46, 53.923,
149.555

 96, 53.923,
149.555

 36, 53.923,
149.555

 26, 53.923,
149.555

 16, 53.923,
149.555

 6, 53.923, 149.555

 0, 53.923, 149.555

■ 66, 53.923,
149.555

■ 66, 53.923,
149.555

■ 65, 61.615,
147.988

■ 67, 45.533,
150.935

■ 65, 68.462,
146.235

■ 68, 36.612,
152.140

■ 64, 74.366,
144.322

■ 69, 27.334,
153.191

■ 64, 79.345,
142.353

■ 70, 17.861,
154.111

■ 64, 79.907,
142.134

■ 72, 8.331, 154.932

■ 74, 1.145, 335.317

■ 75, 10.481,
336.192

■ 77, 19.616,
336.764

■ 79, 28.510,
337.270

Harmonies

Complementary

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



66, 53.923, 149.555



48, 54.222, 340.489

Rectangle

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



66, 53.923, 149.555



66, 53.923, 199.555



66, 53.923, 329.555



66, 53.923, 19.555

Sweetspot

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



66, 53.924, 149.555



89, 21.191, 154.153



69, 56.507, 119.368



47, 14.716, 153.902



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 53.924, 149.555



83, 78.024, 147.410



67, 35.196, 178.709



37, 5.324, 154.891



55, 70.344, 142.420



7, 13.591, 152.521

Inverse Universe

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



48, 54.222, 340.489



57, 76.616, 342.142



46, 46.033, 13.504



35, 5.355, 336.129



33, 62.075, 346.776



2, 11.913, 340.397

Previews

White Background



This preview shows how the CIE LCh color 66, 53.923, 149.555 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 66, 53.923, 149.555 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 66, 53.923, 149.555

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.923, 149.555.

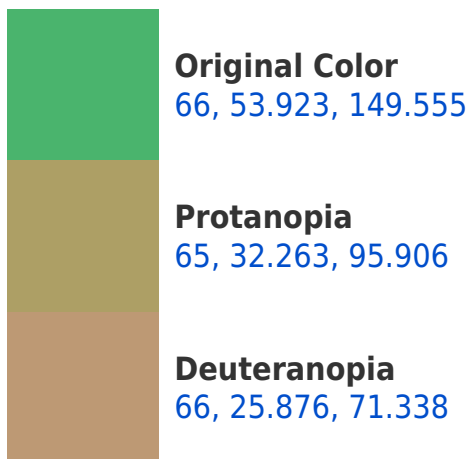


This preview shows how white text looks on a background with the CIELCh color 66, 53.923, 149.555.

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





Tritanopia
66, 24.244, 216.491

Trichromacy



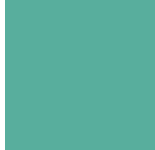
Original Color
66, 53.923, 149.555



Protanomaly
65, 36.391, 126.472



Deuteranomaly
65, 27.630, 121.149



Tritanomaly
66, 30.230, 178.609

Monochromacy



Original Color
66, 53.923, 149.555



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 21.084, 153.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.923, 149.555 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(74, 180, 109)` looks like.

```
.text, #text, p{  
    color:rgb(74, 180, 109)  
}
```

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(74, 180, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 180, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.923, 149.555 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(74, 180, 109) }
```

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

```
.border{ border-color:rgb(74, 180, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 180, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 180, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 180, 109);  
box-shadow:4px 4px 4px 4px rgb(74, 180,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.923, 149.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 180, 109) }
```

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

```
.background{ background-color: rgb(74, 180,  
109) }
```

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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