

Converting Colors

CIELCh(67, 73.941, 141.917)

Have a look what the booklet for
CIELCh(67, 73.941, 141.917)
contains.

CIELCh(67, 74.039, 141.893)	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(67, 74.039, 141.893)

Conversions

Conversions Part 1

Format	Color
Hex	35BB4B
RGB	53, 187, 75
RGB Percent	21%, 73%, 29%
CMY	0.7905, 0.2683, 0.7074
CMYK	0.71, 0.00, 0.60, 0.27
HSL	130°, 55%, 47%
HSV	130°, 71%, 73%
XYZ	20.4277, 36.6320, 12.5806
YIQ	134.1660, -43.9120, -63.2400

Conversions

Conversions Part 2

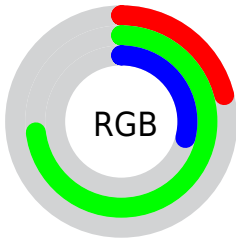
Format	Color
RYB	53, 168, 187
Decimal	3521355
CIELab	67.00, -58.26, 45.69
CIELCh	67, 74.039, 141.893
Yxy	36.6320, 0.2933, 0.5260
Android (android.graphics.Color)	4281711435 (0xFF35BB4B)
YUV	134.1660, -29.1688, -71.1826
Hunter-Lab	60.5244, -45.6716, 30.0430

Details

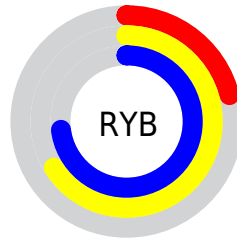
The CIELCh color **67, 74.039, 141.893** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **47, 71.679, 333.661**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 74.095, 141.969**, and **48, 69.695, 138.201** is the 20% darker color. If you saturate the color by 10%, you get **67, 81.331, 140.381**, and if you desaturate by 10%, it is **68, 65.470, 143.330**.

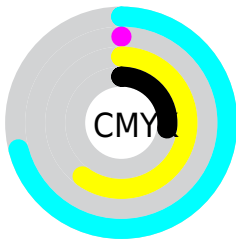
Distribution



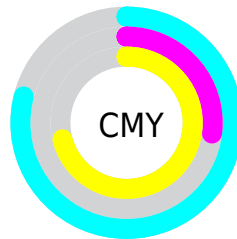
- Red (21%)
- Green (73%)
- Blue (29%)



- Red (21%)
- Yellow (66%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (60%)
- Black (27%)




- Cyan (79%)
- Magenta (27%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 74.039, 141.893 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, 74.039, 141.893 by changing the saturation by 10% instead.

 67, 74.039,
141.893


 67, 74.039,
141.893


 100, 74.039,
141.893

 57, 74.039,
141.893

 87, 74.039,
141.893

 47, 74.039,
141.893

 97, 74.039,
141.893

 37, 74.039,
141.893

 27, 74.039,
141.893

 17, 74.039,
141.893

 7, 74.039, 141.893

 0, 74.039, 141.893

■ 67, 74.039,
141.893

■ 67, 74.039,
141.893

■ 67, 81.331,
140.381

■ 68, 65.470,
143.330

■ 66, 87.099,
138.884

■ 68, 55.891,
144.638

■ 66, 90.793,
137.765

■ 69, 45.574,
145.797

■ 71, 34.772,
146.808

■ 72, 23.707,
147.681

■ 74, 12.566,
148.440

■ 75, 1.492, 149.249

■ 77, 9.405, 329.584

■ 79, 20.052,
330.079

Harmonies

Complementary

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



67, 74.039, 141.893



47, 71.679, 333.661

Rectangle

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



67, 74.039, 141.893



67, 74.039, 191.893



67, 74.039, 321.893



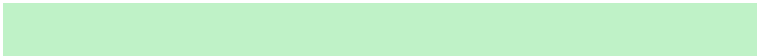
67, 74.039, 11.893

Sweetspot

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



67, 74.039, 141.893



91, 28.809, 147.683



72, 65.999, 111.437



48, 19.662, 147.454



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 74.039, 141.893



84, 103.411, 139.467



68, 48.538, 163.864



39, 6.316, 148.581



57, 79.968, 137.952



9, 20.060, 147.530

Inverse Universe

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



47, 71.679, 333.661



57, 95.907, 334.790



44, 56.382, 4.222



37, 6.332, 329.671



36, 71.504, 335.664



3, 18.354, 332.053

Previews

White Background



This preview shows how the CIELCh color 67, 74.039, 141.893 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, 74.039, 141.893 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, 74.039, 141.893

Background



This preview shows how black text looks on a background with the CIELCh color 67, 74.039, 141.893.



This preview shows how white text looks on a background with the CIELCh color 67, 74.039, 141.893.

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](#).

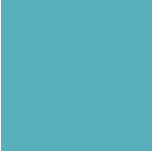
Dichromacy



Original Color
67, 74.154, 141.992

Protanopia
66, 50.672, 95.628

Deuteranopia
66, 43.364, 78.886



Tritanopia
67, 26.692, 214.484

Trichromacy



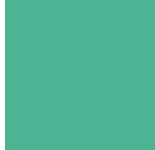
Original Color
67, 74.154, 141.992



Protanomaly
65, 54.986, 121.414



Deuteranomaly
65, 46.094, 116.717



Tritanomaly
66, 38.401, 168.819

Monochromacy



Original Color
67, 74.154, 141.992



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 29.875, 146.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 74.039, 141.893 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(53, 187, 75)` looks like.

```
.text, #text, p{  
    color:rgb(53, 187, 75)  
}
```

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(53, 187, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 187, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 74.039, 141.893 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(53, 187, 75) }
```

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

```
.border{ border-color:rgb(53, 187, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 187, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 187, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 187, 75);  
box-shadow:4px 4px 4px 4px rgb(53, 187,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 74.039, 141.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 187, 75) }
```

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

```
.background{ background-color: rgb(53, 187,  
75) }
```

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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