

Converting Colors

CIELCh(67, 90.378, 132.509)

Have a look what the booklet for
CIELCh(67, 90.378, 132.509)
contains.

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Color

CIELCh(67, 90.408, 132.522)

Conversions

Conversions Part 1

Format	Color
Hex	3FBB02
RGB	63, 187, 2
RGB Percent	25%, 73%, 1%
CMY	0.7526, 0.2664, 0.9915
CMYK	0.66, 0.00, 0.99, 0.27
HSL	100°, 98%, 37%
HSV	100°, 99%, 73%
XYZ	19.8509, 36.6320, 6.0864
YIQ	128.8340, -14.5190, -83.8230

Conversions

Conversions Part 2

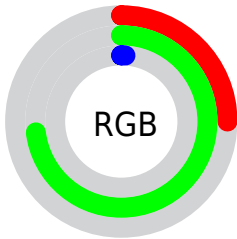
Format	Color
RYB	2, 187, 126
Decimal	4176642
CIELab	67.00, -61.10, 66.63
CIELCh	67, 90.408, 132.522
Yxy	36.6320, 0.3173, 0.5855
Android (android.graphics.Color)	4282366722 (0xFF3FBB02)
YUV	128.8340, -62.5292, -57.7364
Hunter-Lab	60.5244, -47.3728, 36.4047

Details

The CIELCh color **67, 90.408, 132.522** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34, 95.015, 316.508**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 90.210, 132.630**, and **48, 73.466, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 90.802, 132.594**, and if you desaturate by 10%, it is **67, 86.606, 131.842**.

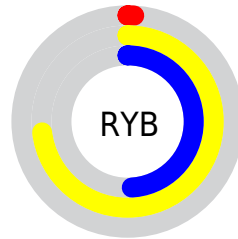
Distribution



Red (25%)

Green (73%)

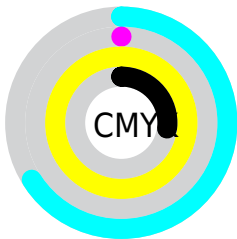
Blue (1%)



Red (1%)

Yellow (73%)

Blue (49%)

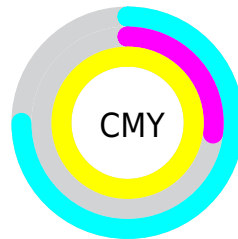


Cyan (66%)

Magenta (0%)

Yellow (99%)

Black (27%)



Cyan (75%)


Magenta (27%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 90.408, 132.522 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, 90.408, 132.522 by changing the saturation by 10% instead.


 67, 90.408,
132.522


 67, 90.408,
132.522


 100, 90.408,
132.522


 57, 90.408,
132.522


 87, 90.408,
132.522

 47, 90.408,
132.522

 97, 90.408,
132.522

 37, 90.408,
132.522

 27, 90.408,
132.522

 17, 90.408,
132.522

 7, 90.408, 132.522

 0, 90.408, 132.522

■ 67, 90.408,
132.522

■ 67, 90.408,
132.522

■ 67, 90.802,
132.594

■ 67, 86.606,
131.842

■ 68, 80.832,
131.537

■ 68, 73.170,
131.612

■ 69, 64.083,
131.942

■ 70, 54.022,
132.410

■ 71, 43.343,
132.935

■ 72, 32.309,
133.465

■ 73, 21.106,

133.970

■ 75, 9.870, 134.442

Harmonies

Complementary

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



67, 90.408, 132.522



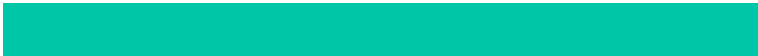
34, 95.015, 316.508

Rectangle

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



67, 90.408, 132.522



67, 90.408, 182.522



67, 90.408, 312.522



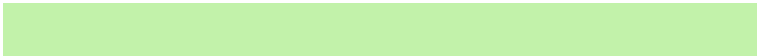
67, 90.408, 2.522

Sweetspot

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



67, 90.408, 132.523



91, 41.454, 133.378



57, 65.048, 75.879



48, 28.471, 133.154



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, 90.408, 132.523



85, 110.527, 132.810



66, 90.233, 138.028



39, 6.377, 134.418



57, 80.011, 132.420



9, 20.020, 137.689

Inverse Universe

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



34, 95.015, 316.508



44, 115.956, 316.282



43, 80.271, 336.105



37, 6.434, 315.165



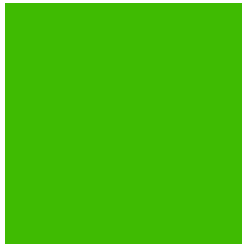
28, 84.179, 316.570



2, 18.762, 311.357

Previews

White Background



This preview shows how the CIELCh color 67, 90.408, 132.522 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, 90.408, 132.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

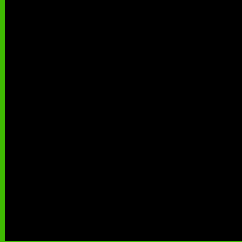
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 90.408, 132.522

Background



This preview shows how black text looks on a background with the CIELCh color 67, 90.408, 132.522.



This preview shows how white text looks on a background with the CIELCh color 67, 90.408, 132.522.

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, 90.408, 132.522

Protanopia
66, 69.749, 94.879

Deuteranopia
66, 62.548, 82.566



Tritanopia
67, 24.491, 216.231

Trichromacy



Original Color
67, 90.408, 132.522



Protanomaly
65, 73.357, 113.965



Deuteranomaly
65, 66.460, 108.692



Tritanomaly
66, 46.808, 152.172

Monochromacy



Original Color
67, 90.408, 132.522



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 41.491, 132.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 90.408, 132.522 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(63, 187, 2)` looks like.

```
.text, #text, p{  
    color:rgb(63, 187, 2)  
}
```

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(63, 187, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 187, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 90.408, 132.522 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(63, 187, 2) }
```

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

```
.border{ border-color:rgb(63, 187, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 187, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 187, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 187, 2);  
box-shadow:4px 4px 4px 4px rgb(63, 187, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 90.408, 132.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 187, 2) }
```

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

```
.background{ background-color: rgb(63, 187,  
2) }
```

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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