

Converting Colors

CIELCh(70, 34.616, 134.299)

Have a look what the booklet for
CIELCh(70, 34.616, 134.299)
contains.

CIELCh(70, 34.616, 134.299)	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(70, 34.616, 134.299)

Conversions

Conversions Part 1

Format	Color
Hex	8EB67D
RGB	142, 182, 125
RGB Percent	56%, 71%, 49%
CMY	0.4427, 0.2858, 0.5094
CMYK	0.22, 0.00, 0.31, 0.29
HSL	102°, 28%, 60%
HSV	102°, 31%, 71%
XYZ	31.6366, 40.7494, 25.6379
YIQ	163.5420, -5.5430, -26.2070

Conversions

Conversions Part 2

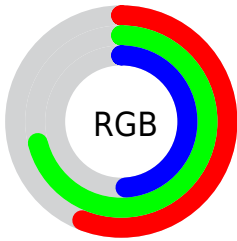
Format	Color
RYB	125, 182, 165
Decimal	9352829
CIELab	70.00, -24.18, 24.77
CIELCh	70, 34.616, 134.299
Yxy	40.7494, 0.3227, 0.4157
Android (android.graphics.Color)	4287542909 (0xFF8EB67D)
YUV	163.5420, -19.0012, -18.8923
Hunter-Lab	63.8353, -23.2476, 20.8723

Details

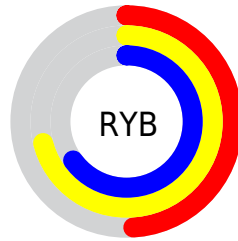
The CIELCh color **70, 34.616, 134.299** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 35.422, 317.115**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 34.494, 134.032**, and **50, 34.990, 134.384** is the 20% darker color. If you saturate the color by 10%, you get **69, 45.453, 133.746**, and if you desaturate by 10%, it is **71, 23.576, 134.828**.

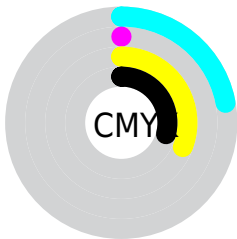
Distribution



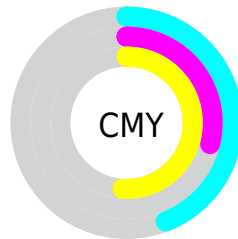
- Red (56%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (65%)



- Cyan (22%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)




- Cyan (44%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 34.616, 134.299 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 70, 34.616, 134.299 by changing the saturation by 10% instead.


 70, 34.616,
134.299

 70, 34.616,
134.299


 100, 34.616,
134.299


 60, 34.616,
134.299

 90, 34.616,
134.299

 50, 34.616,
134.299

 40, 34.616,
134.299

 30, 34.616,
134.299

 20, 34.616,
134.299

 10, 34.616,
134.299

 0, 34.616, 134.299

70, 34.616,
134.299

70, 34.616,
134.299

69, 45.453,
133.746

71, 23.576,
134.828

68, 55.878,
133.198

72, 12.476,
135.317

67, 65.612,
132.714

74, 1.423, 135.855

67, 74.275,
132.381

75, 9.508, 316.102

66, 81.410,
132.320

77, 20.264,
316.447

66, 86.583,
132.651

79, 30.809,
316.741

65, 89.634,
133.169

81, 41.123,
316.993

82, 43.968,
321.732

■ 83, 45.653,
326.005

Harmonies

Complementary

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



70, 34.616, 134.299



58, 35.422, 317.115

Rectangle

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



70, 34.616, 134.299



70, 34.616, 184.299



70, 34.616, 314.299



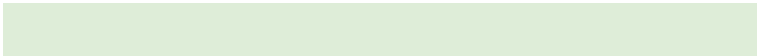
70, 34.616, 4.299

Sweetspot

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



70, 34.618, 134.300



92, 12.300, 135.418



68, 22.981, 89.776



49, 8.622, 135.350



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 34.618, 134.300



88, 51.919, 133.895



69, 33.025, 148.154



38, 6.289, 135.409



56, 79.628, 133.013



8, 17.663, 138.271

Inverse Universe

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



58, 35.422, 317.115



70, 53.402, 317.423



60, 33.166, 332.521



36, 6.340, 316.159



29, 82.693, 317.543



2, 16.683, 312.313

Previews

White Background



This preview shows how the CIELCh color 70, 34.616, 134.299 looks on a white background.

Color Contrast Check

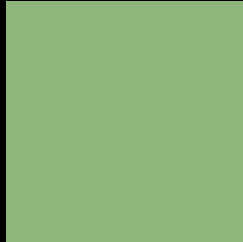
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 34.616, 134.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

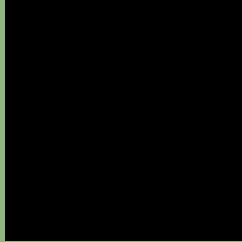
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 34.616, 134.299

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.616, 134.299.



This preview shows how white text looks on a background with the CIELCh color 70, 34.616, 134.299.

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
70, 34.616, 134.299

Protanopia
70, 27.750, 95.138

Deuteranopia
70, 24.865, 69.536



Tritanopia
70, 10.719, 244.851

Trichromacy



Original Color
70, 34.616, 134.299

Protanomaly
70, 28.133, 111.536

Deuteranomaly
70, 23.628, 98.722

Tritanomaly
70, 12.673, 167.127

Monochromacy



Original Color
70, 34.616, 134.299

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 12.929, 135.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.616, 134.299 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(142, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 125)  
}
```

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(142, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 182, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.616, 134.299 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(142, 182, 125) }
```

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

```
.border{ border-color:rgb(142, 182, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(142, 182,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.616, 134.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 182, 125) }
```

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

```
.background{ background-color: rgb(142,  
182, 125) }
```

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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