

Converting Colors

CIELCh(72, 34.474, 137.739)

Have a look what the booklet for
CIELCh(72, 34.474, 137.739)
contains.

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Color

CIELCh(72, 34.429, 137.796)

Conversions

Conversions Part 1

Format	Color
Hex	8FBC85
RGB	143, 188, 133
RGB Percent	56%, 74%, 52%
CMY	0.4381, 0.2616, 0.4773
CMYK	0.24, 0.00, 0.29, 0.26
HSL	109°, 29%, 63%
HSV	109°, 29%, 74%
XYZ	33.6765, 43.6590, 28.9434
YIQ	168.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

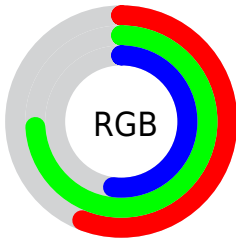
Format	Color
RYB	133, 188, 178
Decimal	9419909
CIELab	72.00, -25.50, 23.13
CIELCh	72, 34.429, 137.796
Yxy	43.6590, 0.3169, 0.4108
Android (android.graphics.Color)	4287609989 (0xFF8FBC85)
YUV	168.2750, -17.3906, -22.1662
Hunter-Lab	66.0750, -24.6549, 20.2812

Details

The CIELCh color $72, 34.429, 137.796$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 34.838, 320.649$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 34.313, 137.399$, and $52, 34.145, 137.946$ is the 20% darker color. If you saturate the color by 10%, you get $71, 46.025, 137.134$, and if you desaturate by 10%, it is $73, 22.638, 138.400$.

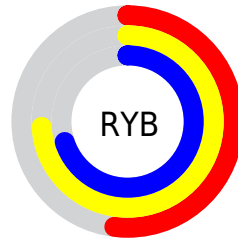
Distribution



Red (56%)

Green (74%)

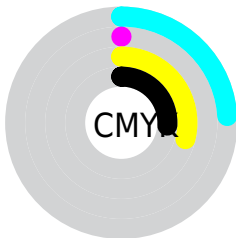
Blue (52%)



Red (52%)

Yellow (74%)

Blue (70%)

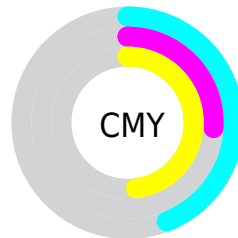


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (26%)



Cyan (44%)


Magenta (26%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 34.429, 137.796 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 72, 34.429, 137.796 by changing the saturation by 10% instead.


 72, 34.429,
137.796

 72, 34.429,
137.796


 100, 34.429,
137.796


 62, 34.429,
137.796


 92, 34.429,
137.796

 52, 34.429,
137.796

 42, 34.429,
137.796

 32, 34.429,
137.796

 22, 34.429,
137.796

 12, 34.429,
137.796

 2, 34.429, 137.796

0, 34.429, 137.796

72, 34.429,
137.796

72, 34.429,
137.796

71, 46.025,
137.134

73, 22.638,
138.400

70, 57.192,
136.433

75, 10.814,
138.940

69, 67.627,
135.739

76, 0.920, 319.163

68, 76.931,
135.129

78, 12.476,
319.768

68, 84.620,
134.720

80, 23.796,
320.118

67, 90.215,
134.637

82, 34.843,
320.413

■ 67, 93.665,
134.861

■ 84, 41.159,
324.212

■ 67, 93.897,
134.870

■ 84, 41.817,
325.874

Harmonies

Complementary

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



72, 34.429, 137.796



62, 34.838, 320.649

Rectangle

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



72, 34.429, 137.796



72, 34.429, 187.796



72, 34.429, 317.796



72, 34.429, 7.796

Sweetspot

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



72, 34.431, 137.797



95, 13.064, 138.944



72, 24.548, 98.054



50, 9.082, 138.869



98, 0.011, 296.813



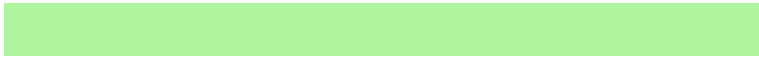
51, 0.007, 296.813

Same Dimension

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



72, 34.431, 137.797



90, 50.938, 137.382



72, 29.029, 152.612



39, 6.659, 138.933



57, 82.378, 134.751



9, 20.741, 140.834

Inverse Universe

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



62, 34.838, 320.649



75, 51.645, 320.922



62, 29.376, 337.100



37, 6.694, 319.747



32, 82.154, 321.422



3, 19.716, 317.516

Previews

White Background



This preview shows how the CIELCh color 72, 34.429, 137.796 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 72, 34.429, 137.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

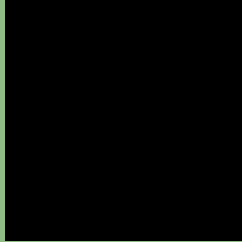
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 34.429, 137.796

Background



This preview shows how black text looks on a background with the CIELCh color 72, 34.429, 137.796.



This preview shows how white text looks on a background with the CIELCh color 72, 34.429, 137.796.

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
72, 34.429, 137.796

Protanopia
72, 26.448, 95.808

Deuteranopia
72, 23.396, 67.456



Tritanopia
72, 11.967, 242.146

Trichromacy



Original Color
72, 34.429, 137.796

Protanomaly
72, 27.057, 114.429

Deuteranomaly
71, 21.798, 100.485

Tritanomaly
72, 13.277, 174.091

Monochromacy



Original Color
72, 34.429, 137.796

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 12.561, 138.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 34.429, 137.796 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(143, 188, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 133)  
}
```

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(143, 188, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 34.429, 137.796 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(143, 188, 133) }
```

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

```
.border{ border-color:rgb(143, 188, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 188, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 34.429, 137.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 188, 133) }
```

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

```
.background{ background-color: rgb(143,  
188, 133) }
```

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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