

Converting Colors

CIELCh(73, 31.475, 136.897)

Have a look what the booklet for
CIELCh(73, 31.475, 136.897)
contains.

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Color

CIELCh(73, 31.535, 136.988)

Conversions

Conversions Part 1

Format	Color
Hex	96BE8B
RGB	150, 190, 139
RGB Percent	59%, 75%, 55%
CMY	0.4118, 0.2550, 0.4550
CMYK	0.21, 0.00, 0.27, 0.25
HSL	107°, 28%, 65%
HSV	107°, 27%, 75%
XYZ	35.6425, 45.1644, 31.2584
YIQ	172.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

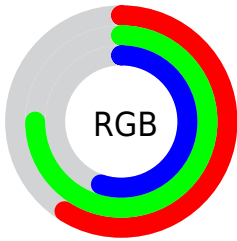
Format	Color
RYB	139, 190, 179
Decimal	9879179
CIELab	73.00, -23.06, 21.51
CIElCh	73, 31.535, 136.988
Yxy	45.1644, 0.3181, 0.4030
Android (android.graphics.Color)	4288069259 (0xFF96BE8B)
YUV	172.2260, -16.3804, -19.4922
Hunter-Lab	67.2044, -22.9387, 19.4659

Details

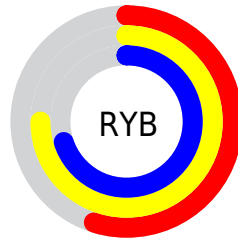
The CIELCh color **73, 31.535, 136.988** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **63, 31.962, 319.509**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 31.112, 136.960**, and **53, 31.094, 137.246** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.160, 136.373**, and if you desaturate by 10%, it is **74, 19.764, 137.551**.

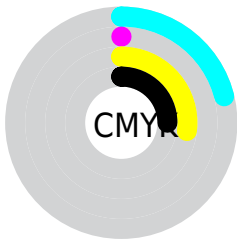
Distribution



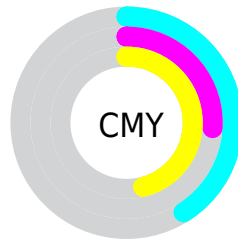
- Red (59%)
- Green (75%)
- Blue (55%)



- Red (55%)
- Yellow (75%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)





- Cyan (41%)
- Magenta (26%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.535, 136.988 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 73, 31.535, 136.988 by changing the saturation by 10% instead.

 73, 31.535,
136.988

 73, 31.535,
136.988


 100, 31.535,
136.988


 63, 31.535,
136.988


 93, 31.535,
136.988

 53, 31.535,
136.988

 43, 31.535,
136.988

 33, 31.535,
136.988

 23, 31.535,
136.988

 13, 31.535,
136.988

 3, 31.535, 136.988

■ 0, 31.535, 136.988

■ 73, 31.535,
136.988

■ 73, 31.535,
136.988

■ 72, 43.160,
136.373

■ 74, 19.764,
137.551

■ 71, 54.429,
135.723

■ 76, 7.992, 138.062

■ 70, 65.068,
135.080

■ 77, 3.673, 318.418

■ 69, 74.707,
134.515

■ 79, 15.154,
318.835

■ 68, 82.880,
134.136

■ 81, 26.402,
319.164

■ 68, 89.092,
134.070

■ 83, 37.384,
319.443

■ 85, 40.642,

■ 68, 93.052,
134.387

325.531

■ 67, 94.039,
134.479

■ 85, 40.766,
325.839

Harmonies

Complementary

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



73, 31.535, 136.988



63, 31.962, 319.509

Rectangle

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



73, 31.535, 136.988



73, 31.535, 186.988



73, 31.535, 316.988



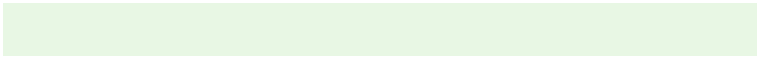
73, 31.535, 6.988

Sweetspot

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



73, 31.537, 136.989



96, 11.584, 137.998



73, 21.992, 96.237



51, 8.307, 137.922



99, 0.012, 296.813



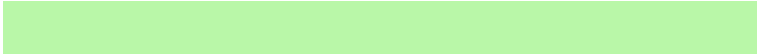
52, 0.007, 296.813

Same Dimension

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



73, 31.537, 136.989



92, 46.528, 136.645



73, 27.573, 151.544



39, 6.591, 137.937



57, 81.936, 134.339



9, 20.572, 140.135

Inverse Universe

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



63, 31.962, 319.509



77, 47.274, 319.754



64, 27.818, 335.487



37, 6.630, 318.727



31, 82.551, 320.247



3, 19.463, 316.068

Previews

White Background



This preview shows how the CIELCh color 73, 31.535, 136.988 looks on a white background.

Color Contrast Check

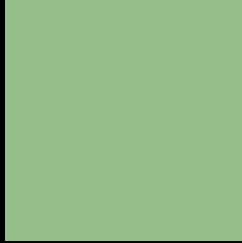
Large Text (above 18pt) WCAG AA × Fail

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 73, 31.535, 136.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

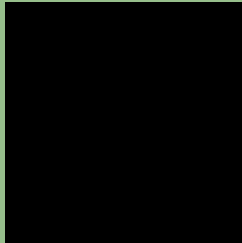
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 31.535, 136.988

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.535, 136.988.



This preview shows how white text looks on a background with the CIELCh color 73, 31.535, 136.988.

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](#).

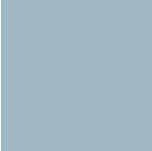
Dichromacy



Original Color
73, 31.535, 136.988

Protanopia
73, 24.309, 95.117

Deuteranopia
73, 21.747, 65.818



Tritanopia
73, 11.244, 245.624

Trichromacy



Original Color
73, 31.535, 136.988

Protanomaly
73, 24.810, 113.362

Deuteranomaly
73, 20.203, 98.992

Tritanomaly
73, 11.726, 173.825

Monochromacy



Original Color
73, 31.535, 136.988

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.853, 138.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.535, 136.988 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(150, 190, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 190, 139)  
}
```

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(150, 190, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 190, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.535, 136.988 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(150, 190, 139) }
```

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

```
.border{ border-color:rgb(150, 190, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 190, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 190, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 190, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 190,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.535, 136.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 190, 139) }
```

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

```
.background{ background-color: rgb(150,  
190, 139) }
```

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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