

Converting Colors

CIELCh(73, 32.831, 143.584)

Have a look what the booklet for
CIELCh(73, 32.831, 143.584)
contains.

CIELCh(73, 32.833, 143.698)	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(73, 32.833, 143.698)

Conversions

Conversions Part 1

Format	Color
Hex	8DC08F
RGB	141, 192, 143
RGB Percent	55%, 75%, 56%
CMY	0.4483, 0.2483, 0.4404
CMYK	0.27, 0.00, 0.26, 0.25
HSL	122°, 29%, 65%
HSV	122°, 27%, 75%
XYZ	34.6432, 45.1644, 32.7552
YIQ	171.1650, -14.6670, -26.0510

Conversions

Conversions Part 2

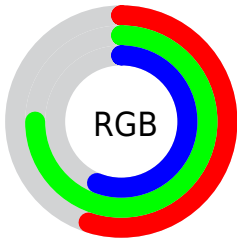
Format	Color
RYB	141, 190, 192
Decimal	9289871
CIELab	73.00, -26.46, 19.44
CIELCh	73, 32.833, 143.698
Yxy	45.1644, 0.3078, 0.4012
Android (android.graphics.Color)	4287479951 (0xFF8DC08F)
YUV	171.1650, -13.8853, -26.4547
Hunter-Lab	67.2044, -25.5929, 18.1454

Details

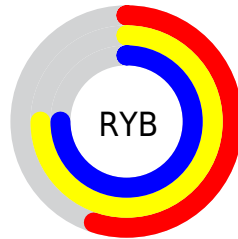
The CIELCh color **73, 32.833, 143.698** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 32.850, 326.974**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 32.947, 143.548**, and **53, 32.932, 143.588** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.996, 142.796**, and if you desaturate by 10%, it is **75, 20.464, 144.478**.

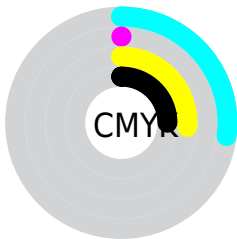
Distribution



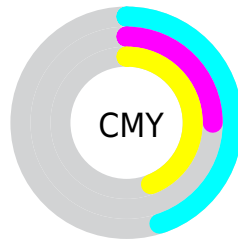
- Red (55%)
- Green (75%)
- Blue (56%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)





- Cyan (45%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.833, 143.698 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, 32.833, 143.698 by changing the saturation by 10% instead.


 73, 32.833,
143.698


 73, 32.833,
143.698


 100, 32.833,
143.698


 63, 32.833,
143.698


 93, 32.833,
143.698

 53, 32.833,
143.698

 43, 32.833,
143.698

 33, 32.833,
143.698

 23, 32.833,
143.698

 13, 32.833,
143.698

 3, 32.833, 143.698

■ 0, 32.833, 143.698

■ 73, 32.833,
143.698

■ 73, 32.833,
143.698

■ 72, 44.996,
142.796

■ 75, 20.464,
144.478

■ 70, 56.685,
141.767

■ 76, 8.089, 145.159

■ 70, 67.577,
140.627

■ 78, 4.140, 325.627

■ 80, 16.117,
326.150

■ 69, 77.285,
139.420

■ 83, 27.775,
326.563

■ 68, 85.379,
138.234

■ 85, 38.948,
326.601

■ 68, 91.422,
137.197

■ 85, 39.710,

■ 68, 95.124,
136.451

325.803

■ 68, 95.922,
136.320

Harmonies

Complementary

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



73, 32.833, 143.698



65, 32.850, 326.974

Rectangle

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



73, 32.833, 143.698



73, 32.833, 193.698



73, 32.833, 323.698



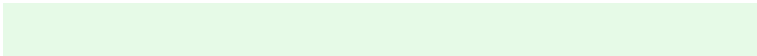
73, 32.833, 13.698

Sweetspot

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



73, 32.835, 143.698



96, 12.173, 145.059



76, 27.076, 109.074



51, 8.659, 144.959



99, 0.012, 296.813



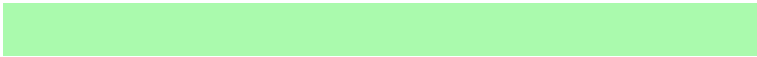
52, 0.007, 296.813

Same Dimension

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



73, 32.835, 143.698



92, 48.910, 143.180



74, 22.688, 163.038



40, 7.024, 144.977



57, 84.013, 136.393



10, 23.811, 144.792

Inverse Universe

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



65, 32.850, 326.974



79, 48.895, 327.297



64, 23.580, 347.978



38, 7.035, 326.005



38, 79.350, 329.841



4, 23.353, 327.673

Previews

White Background



This preview shows how the CIELCh color 73, 32.833, 143.698 looks on a white background.

Color Contrast Check

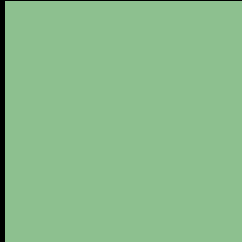
Large Text (above 18pt) WCAG AA × Fail

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, 32.833, 143.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

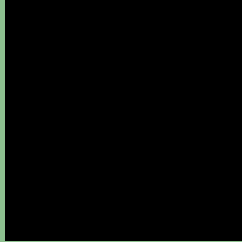
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 32.833, 143.698

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.833, 143.698.

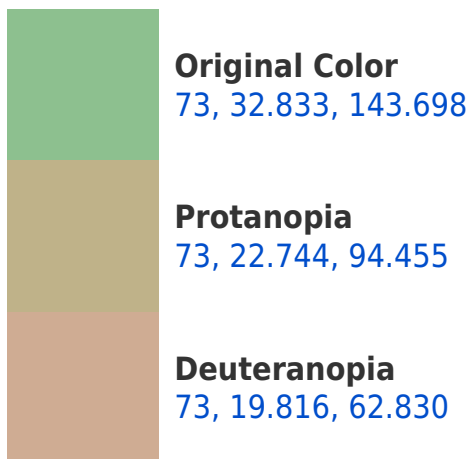


This preview shows how white text looks on a background with the CIELCh color 73, 32.833, 143.698.

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





Tritanopia
73, 13.677, 235.462

Trichromacy



Original Color
73, 32.833, 143.698

Protanomaly
73, 23.970, 117.488

Deuteranomaly
72, 18.407, 103.367

Tritanomaly
73, 15.007, 181.343

Monochromacy



Original Color
73, 32.833, 143.698

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.224, 145.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.833, 143.698 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(141, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 192, 143)  
}
```

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(141, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 192, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.833, 143.698 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(141, 192, 143) }
```

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

```
.border{ border-color:rgb(141, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 192,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.833, 143.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 192, 143) }
```

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

```
.background{ background-color: rgb(141,  
192, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor