

Converting Colors

CIELCh(75, 31.276, 143.285)

Have a look what the booklet for
CIELCh(75, 31.276, 143.285)
contains.

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Color

CIELCh(75, 31.589, 142.830)

Conversions

Conversions Part 1

Format	Color
Hex	95C595
RGB	149, 197, 149
RGB Percent	58%, 77%, 58%
CMY	0.4171, 0.2289, 0.4171
CMYK	0.24, 0.00, 0.24, 0.23
HSL	120°, 29%, 68%
HSV	120°, 24%, 77%
XYZ	37.6075, 48.2781, 35.6223
YIQ	177.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

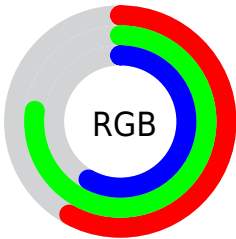
Format	Color
RYB	149, 197, 197
Decimal	9815445
CIELab	75.00, -25.17, 19.09
CIElCh	75, 31.589, 142.830
Yxy	48.2781, 0.3095, 0.3973
Android (android.graphics.Color)	4288005525 (0xFF95C595)
YUV	177.1760, -13.8908, -24.7104
Hunter-Lab	69.4824, -24.9809, 18.2409

Details

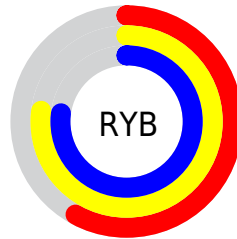
The CIELCh color **75, 31.589, 142.830** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 31.603, 325.762**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.781, 142.657**, and **55, 31.603, 142.806** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.398, 141.965**, and if you desaturate by 10%, it is **77, 18.604, 143.579**.

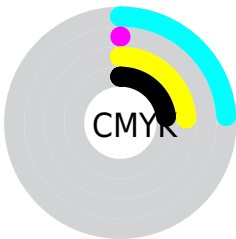
Distribution



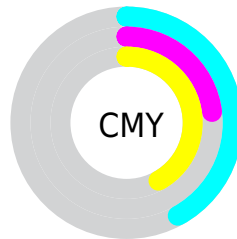
- Red (58%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.589, 142.830 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 75, 31.589, 142.830 by changing the saturation by 10% instead.


 75, 31.589,
142.830


 75, 31.589,
142.830


 100, 31.589,
142.830


 65, 31.589,
142.830


 95, 31.589,
142.830

 55, 31.589,
142.830

 45, 31.589,
142.830

 35, 31.589,
142.830

 25, 31.589,
142.830

 15, 31.589,
142.830

 5, 31.589, 142.830

0, 31.589, 142.830

75, 31.589,
142.830

75, 31.589,
142.830

74, 44.398,
141.965

77, 18.604,
143.579

72, 56.750,
140.979

79, 5.649, 144.242

71, 68.293,
139.893

81, 7.125, 324.697

83, 19.613,
325.172

71, 78.597,
138.759

85, 31.752,
325.559

70, 87.163,
137.677

86, 36.609,
325.696

70, 93.479,
136.786

■ 69, 97.199,
136.220

■ 69, 98.491,
136.017

Harmonies

Complementary

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



75, 31.589, 142.830



67, 31.603, 325.762

Rectangle

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



75, 31.589, 142.830



75, 31.589, 192.830



75, 31.589, 322.830



75, 31.589, 12.830

Sweetspot

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



75, 31.591, 142.830



98, 11.112, 144.065



78, 25.381, 107.830



52, 7.224, 144.025



0, 0.000, 0.000



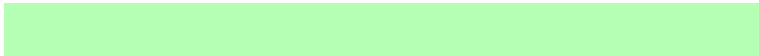
53, 0.007, 296.813

Same Dimension

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



75, 31.591, 142.830



94, 46.319, 142.409



76, 21.834, 161.475



41, 7.371, 143.916



58, 85.774, 136.017



11, 26.595, 143.593

Inverse Universe

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



67, 31.603, 325.762



83, 46.314, 326.030



67, 22.504, 345.828



39, 7.382, 324.935



39, 82.753, 328.237



4, 26.739, 327.029

Previews

White Background



This preview shows how the CIELCh color 75, 31.589, 142.830 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 75, 31.589, 142.830 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 75, 31.589, 142.830

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.589, 142.830.

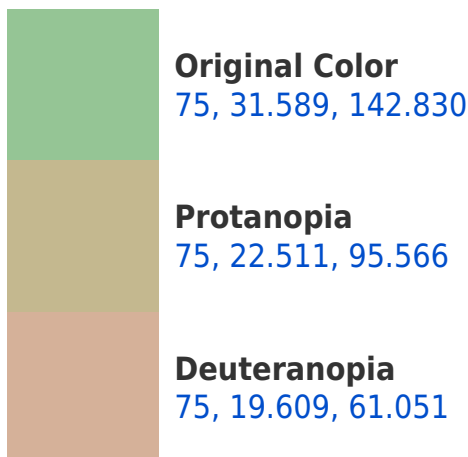


This preview shows how white text looks on a background with the CIELCh color 75, 31.589, 142.830.

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
75, 13.123, 237.095

Trichromacy



Original Color
75, 31.589, 142.830

Protanomaly
75, 23.834, 117.534

Deuteranomaly
74, 17.871, 100.781

Tritanomaly
75, 13.987, 180.292

Monochromacy



Original Color
75, 31.589, 142.830

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 11.271, 143.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.589, 142.830 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(149, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 149)  
}
```

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(149, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.589, 142.830 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(149, 197, 149) }
```

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

```
.border{ border-color:rgb(149, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.589, 142.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 149) }
```

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

```
.background{ background-color: rgb(149,  
197, 149) }
```

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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