

Converting Colors

CIELCh(75, 31.713, 139.703)

Have a look what the booklet for
CIELCh(75, 31.713, 139.703)
contains.

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Color

CIELCh(75, 31.683, 139.712)

Conversions

Conversions Part 1

Format	Color
Hex	98C492
RGB	152, 196, 146
RGB Percent	60%, 77%, 57%
CMY	0.4036, 0.2310, 0.4271
CMYK	0.22, 0.00, 0.26, 0.23
HSL	113°, 30%, 67%
HSV	113°, 26%, 77%
XYZ	37.9168, 48.2781, 34.5464
YIQ	177.1440, -10.1740, -24.8780

Conversions

Conversions Part 2

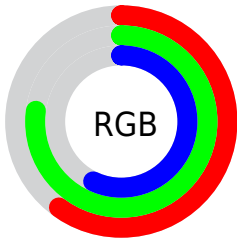
Format	Color
RYB	146, 196, 190
Decimal	10011794
CIELab	75.00, -24.17, 20.49
CIELCh	75, 31.683, 139.712
Yxy	48.2781, 0.3140, 0.3998
Android (android.graphics.Color)	4288201874 (0xFF98C492)
YUV	177.1440, -15.3540, -22.0513
Hunter-Lab	69.4824, -24.1862, 19.1590

Details

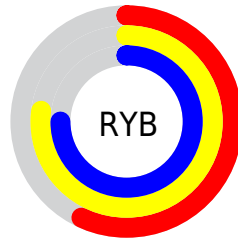
The CIELCh color **75, 31.683, 139.712** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 31.894, 322.347**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.875, 139.663**, and **55, 31.705, 139.586** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.995, 138.999**, and if you desaturate by 10%, it is **77, 19.222, 140.346**.

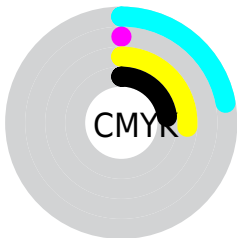
Distribution



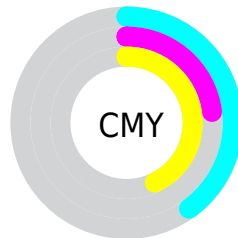
- Red (60%)
- Green (77%)
- Blue (57%)



- Red (57%)
- Yellow (77%)
- Blue (75%)



- Cyan (22%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)





- Cyan (40%)
- Magenta (23%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.683, 139.712 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, 31.683, 139.712 by changing the saturation by 10% instead.


 75, 31.683,
139.712


 75, 31.683,
139.712


 100, 31.683,
139.712


 65, 31.683,
139.712


 95, 31.683,
139.712

 55, 31.683,
139.712

 45, 31.683,
139.712

 35, 31.683,
139.712

 25, 31.683,
139.712

 15, 31.683,
139.712

 5, 31.683, 139.712

0, 31.683, 139.712

75, 31.683,
139.712

75, 31.683,
139.712

74, 43.995,
138.999

77, 19.222,
140.346

72, 55.919,
138.214

78, 6.781, 140.914

72, 67.150,
137.391

80, 5.515, 321.309

82, 17.578,
321.738

71, 77.289,
136.592

84, 29.353,
322.084

70, 85.847,
135.920

86, 36.950,
325.708

70, 92.300,
135.506

■ 69, 96.285,
135.452

■ 69, 97.521,
135.443

Harmonies

Complementary

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



75, 31.683, 139.712



66, 31.894, 322.347

Rectangle

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



75, 31.683, 139.712



75, 31.683, 189.712



75, 31.683, 319.712



75, 31.683, 9.712

Sweetspot

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



75, 31.685, 139.713



98, 12.229, 140.768



76, 23.249, 101.358



52, 8.700, 140.683



0, 0.000, 0.000



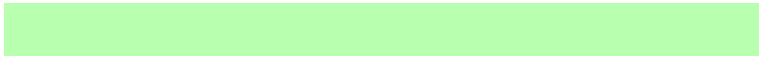
53, 0.007, 296.813

Same Dimension

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



75, 31.685, 139.713



94, 47.626, 139.295



75, 25.224, 155.032



40, 6.940, 140.699



58, 84.016, 135.347



10, 23.507, 141.796

Inverse Universe

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



66, 31.894, 322.347



81, 47.989, 322.623



66, 25.608, 339.067



38, 6.967, 321.570



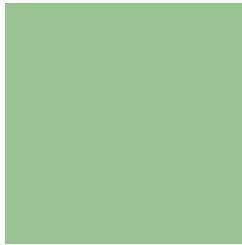
35, 82.512, 323.652



3, 22.777, 321.044

Previews

White Background



This preview shows how the CIELCh color 75, 31.683, 139.712 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 75, 31.683, 139.712 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, 31.683, 139.712

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.683, 139.712.

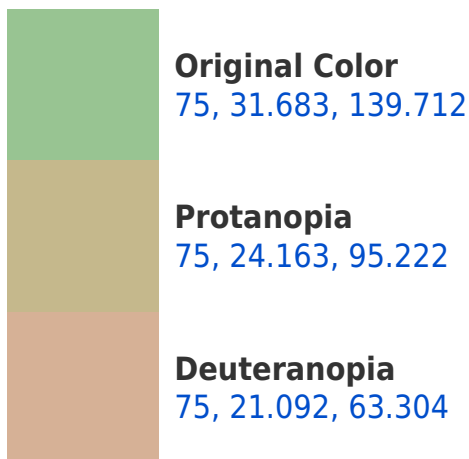


This preview shows how white text looks on a background with the CIELCh color 75, 31.683, 139.712.

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, 12.129, 240.955

Trichromacy



Original Color
75, 31.683, 139.712

Protanomaly
75, 24.718, 114.336

Deuteranomaly
75, 18.985, 99.881

Tritanomaly
75, 13.244, 176.832

Monochromacy



Original Color
75, 31.683, 139.712

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 11.517, 140.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.683, 139.712 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(152, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(152, 196, 146)  
}
```

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(152, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 196, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.683, 139.712 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(152, 196, 146) }
```

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

```
.border{ border-color:rgb(152, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(152, 196,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.683, 139.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 196, 146) }
```

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

```
.background{ background-color: rgb(152,  
196, 146) }
```

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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