

Converting Colors

CIELCh(75, 31.203, 143.368)

Have a look what the booklet for
CIELCh(75, 31.203, 143.368)
contains.

CIELCh(75, 31.147, 143.380)	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(75, 31.147, 143.380)

Conversions

Conversions Part 1

Format	Color
Hex	95C596
RGB	149, 197, 150
RGB Percent	58%, 77%, 59%
CMY	0.4173, 0.2291, 0.4134
CMYK	0.24, 0.00, 0.24, 0.23
HSL	121°, 29%, 68%
HSV	121°, 24%, 77%
XYZ	37.6606, 48.2781, 36.0163
YIQ	177.2900, -13.5210, -24.7930

Conversions

Conversions Part 2

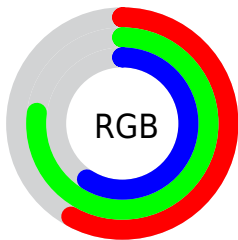
Format	Color
RYB	149, 196, 197
Decimal	9815446
CIELab	75.00, -25.00, 18.58
CIELCh	75, 31.147, 143.380
Yxy	48.2781, 0.3088, 0.3959
Android (android.graphics.Color)	4288005526 (0xFF95C596)
YUV	177.2900, -13.4540, -24.8103
Hunter-Lab	69.4824, -24.8444, 17.9047

Details

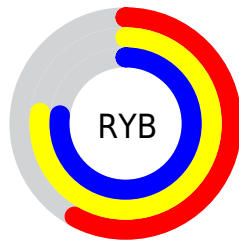
The CIELCh color **75, 31.147, 143.380** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 31.164, 326.337**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.356, 143.172**, and **55, 31.139, 143.391** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.780, 142.509**, and if you desaturate by 10%, it is **77, 18.346, 144.133**.

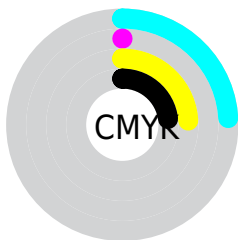
Distribution



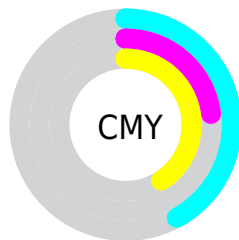
- Red (58%)
- Green (77%)
- Blue (59%)



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



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





- Cyan (42%)
- Magenta (23%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.147, 143.380 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, 31.147, 143.380 by changing the saturation by 10% instead.


 75, 31.147,
143.380


 75, 31.147,
143.380


 100, 31.147,
143.380


 65, 31.147,
143.380


 95, 31.147,
143.380

 55, 31.147,
143.380

 45, 31.147,
143.380

 35, 31.147,
143.380

 25, 31.147,
143.380

 15, 31.147,
143.380

 5, 31.147, 143.380

0, 31.147, 143.380

75, 31.147,
143.380

75, 31.147,
143.380

74, 43.780,
142.509

77, 18.346,
144.133

72, 55.976,
141.513

78, 5.576, 144.801

71, 67.401,
140.408

81, 7.015, 325.257

83, 19.326,
325.737

71, 77.651,
139.237

85, 31.293,
326.130

70, 86.263,
138.089

86, 36.643,
325.698

70, 92.756,
137.094

■ 69, 96.775,
136.391

■ 69, 98.094,
136.174

Harmonies

Complementary

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



75, 31.147, 143.380



67, 31.164, 326.337

Rectangle

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



75, 31.147, 143.380



75, 31.147, 193.380



75, 31.147, 323.380



75, 31.147, 13.380

Sweetspot

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



75, 31.149, 143.380



98, 10.955, 144.622



78, 25.386, 108.550



52, 7.122, 144.582



0, 0.000, 0.000



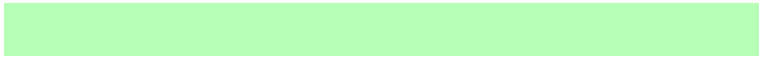
53, 0.007, 296.813

Same Dimension

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



75, 31.149, 143.380



94, 45.672, 142.957



76, 21.558, 162.358



41, 7.267, 144.473



58, 85.363, 136.214



11, 26.332, 143.946

Inverse Universe

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



67, 31.164, 326.337



83, 45.671, 326.610



67, 22.276, 346.776



39, 7.278, 325.498



38, 81.424, 329.075



4, 26.269, 327.706

Previews

White Background



This preview shows how the CIELCh color 75, 31.147, 143.380 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, 31.147, 143.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

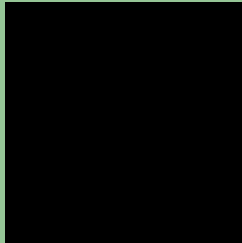
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.147, 143.380

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.147, 143.380.



This preview shows how white text looks on a background with the CIELCh color 75, 31.147, 143.380.

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
75, 31.147, 143.380

Protanopia
75, 21.991, 95.339

Deuteranopia
75, 18.913, 60.743



Tritanopia
75, 13.123, 237.095

Trichromacy



Original Color
75, 31.147, 143.380

Protanomaly
75, 23.314, 117.784

Deuteranomaly
74, 17.291, 101.922

Tritanomaly
75, 13.987, 180.292

Monochromacy



Original Color
75, 31.147, 143.380

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, 31.147, 143.380 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.147, 143.380 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, 150) }
```

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

```
.border{ border-color:rgb(149, 197, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.147, 143.380 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, 150) }
```

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

```
.background{ background-color: rgb(149,  
197, 150) }
```

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