

Converting Colors

CIELCh(75, 26.253, 131.458)

Have a look what the booklet for
CIELCh(75, 26.253, 131.458)
contains.

CIELCh(75, 26.278, 131.453)	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, 26.278, 131.453)

Conversions

Conversions Part 1

Format	Color
Hex	A6C194
RGB	166, 193, 148
RGB Percent	65%, 76%, 58%
CMY	0.3497, 0.2438, 0.4203
CMYK	0.14, 0.00, 0.23, 0.24
HSL	96°, 27%, 67%
HSV	96°, 23%, 76%
XYZ	40.0483, 48.2781, 35.1515
YIQ	179.7970, -1.6470, -19.7190

Conversions

Conversions Part 2

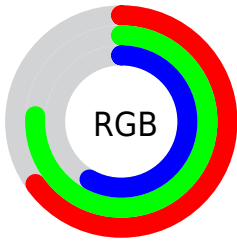
Format	Color
RYB	148, 193, 175
Decimal	10928532
CIELab	75.00, -17.40, 19.70
CIELCh	75, 26.278, 131.453
Yxy	48.2781, 0.3243, 0.3910
Android (android.graphics.Color)	4289118612 (0xFFA6C194)
YUV	179.7970, -15.6759, -12.1000
Hunter-Lab	69.4824, -18.7104, 18.6426

Details

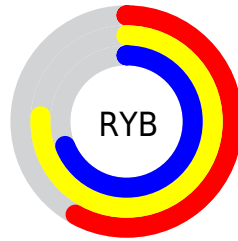
The CIELCh color **75, 26.278, 131.453** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 26.932, 313.493**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.728, 131.775**, and **55, 25.996, 130.994** is the 20% darker color. If you saturate the color by 10%, you get **74, 37.459, 130.962**, and if you desaturate by 10%, it is **76, 15.003, 131.927**.

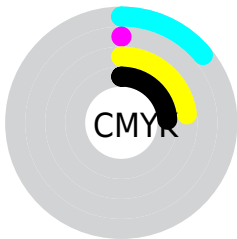
Distribution



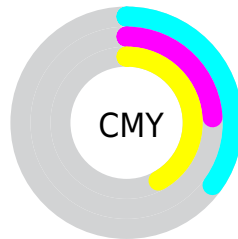
- Red (65%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 26.278, 131.453 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, 26.278, 131.453 by changing the saturation by 10% instead.


 75, 26.278,
131.453


 75, 26.278,
131.453


 100, 26.278,
131.453


 65, 26.278,
131.453


 95, 26.278,
131.453

 55, 26.278,
131.453

 45, 26.278,
131.453

 35, 26.278,
131.453

 25, 26.278,
131.453

 15, 26.278,
131.453

 5, 26.278, 131.453

0, 26.278, 131.453

75, 26.278,
131.453

75, 26.278,
131.453

74, 37.459,
130.962

76, 15.003,
131.927

73, 48.389,
130.470

78, 3.734, 132.389

72, 58.859,
130.022

79, 7.452, 312.724

71, 68.568,
129.683

80, 18.502,
313.087

71, 77.111,
129.555

82, 29.377,
313.401

70, 84.012,
129.764

83, 35.978,
316.217

84, 37.626,

■ 69, 88.869,
130.420

321.965

■ 69, 91.191,
131.014

■ 85, 38.995,
325.778

Harmonies

Complementary

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



75, 26.278, 131.453



65, 26.932, 313.493

Rectangle

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



75, 26.278, 131.453



75, 26.278, 181.453



75, 26.278, 311.453



75, 26.278, 1.453

Sweetspot

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



75, 26.280, 131.454



97, 9.700, 132.210



72, 16.351, 82.406



52, 6.303, 132.182



99, 0.012, 296.813



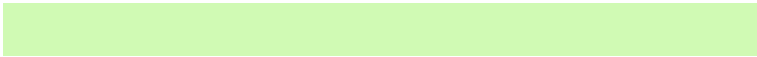
52, 0.007, 296.813

Same Dimension

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



75, 26.280, 131.454



94, 38.898, 131.204



74, 27.748, 145.693



40, 6.396, 132.107



58, 79.474, 130.808



10, 21.810, 135.577

Inverse Universe

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



65, 26.932, 313.493



79, 40.085, 313.729



67, 27.790, 328.613



38, 6.466, 312.862



27, 86.386, 314.526



2, 20.631, 309.077

Previews

White Background



This preview shows how the CIELCh color 75, 26.278, 131.453 looks on a white background.

Color Contrast Check

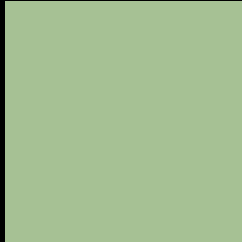
Large Text (above 18pt) WCAG AA × Fail

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, 26.278, 131.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

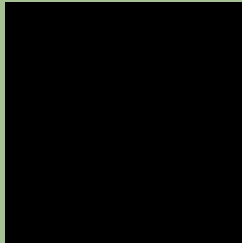
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 26.278, 131.453

Background



This preview shows how black text looks on a background with the CIELCh color 75, 26.278, 131.453.



This preview shows how white text looks on a background with the CIELCh color 75, 26.278, 131.453.

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, 26.278, 131.453

Protanopia
75, 21.991, 95.339

Deuteranopia
75, 20.696, 62.338



Tritanopia
75, 9.046, 263.066

Trichromacy



Original Color
75, 26.278, 131.453

Protanomaly
75, 22.465, 110.065

Deuteranomaly
75, 18.485, 92.080

Tritanomaly
75, 7.072, 171.643

Monochromacy



Original Color
75, 26.278, 131.453

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 9.952, 131.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 26.278, 131.453 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(166, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 193, 148)  
}
```

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(166, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 193, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 26.278, 131.453 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(166, 193, 148) }
```

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

```
.border{ border-color:rgb(166, 193, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 193, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 193,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 26.278, 131.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 193, 148) }
```

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

```
.background{ background-color: rgb(166,  
193, 148) }
```

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