

Converting Colors

CIELCh(75, 24.526, 151.255)

Have a look what the booklet for
CIELCh(75, 24.526, 151.255)
contains.

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Color

CIELCh(75, 24.526, 151.255)

Conversions

Conversions Part 1

Format	Color
Hex	96C3A2
RGB	150, 195, 162
RGB Percent	59%, 76%, 64%
CMY	0.4107, 0.2342, 0.3637
CMYK	0.23, 0.00, 0.17, 0.23
HSL	136°, 27%, 68%
HSV	136°, 23%, 77%
XYZ	38.7462, 48.2781, 41.5803
YIQ	177.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

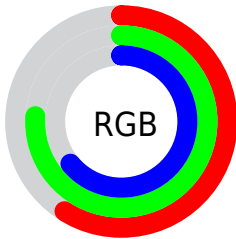
Format	Color
RYB	150, 186, 195
Decimal	9880482
CIELab	75.00, -21.50, 11.79
CIELCh	75, 24.526, 151.255
Yxy	48.2781, 0.3013, 0.3754
Android (android.graphics.Color)	4288070562 (0xFF96C3A2)
YUV	177.7830, -7.7810, -24.3657
Hunter-Lab	69.4824, -22.0556, 13.1569

Details

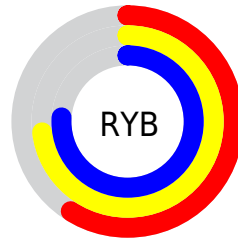
The CIELCh color **75, 24.526, 151.255** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 24.703, 334.524**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.608, 151.189**, and **55, 24.621, 151.102** is the 20% darker color. If you saturate the color by 10%, you get **74, 35.085, 150.307**, and if you desaturate by 10%, it is **77, 13.858, 152.083**.

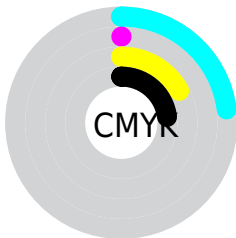
Distribution



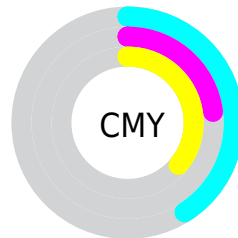
- Red (59%)
- Green (76%)
- Blue (64%)



- Red (59%)
- Yellow (73%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)





- Cyan (41%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.526, 151.255 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, 24.526, 151.255 by changing the saturation by 10% instead.


 75, 24.526,
151.255


 75, 24.526,
151.255


 100, 24.526,
151.255


 65, 24.526,
151.255


 95, 24.526,
151.255

 55, 24.526,
151.255

 45, 24.526,
151.255

 35, 24.526,
151.255

 25, 24.526,
151.255

 15, 24.526,
151.255

 5, 24.526, 151.255

0, 24.526, 151.255

75, 24.526,
151.255

75, 24.526,
151.255

74, 35.085,
150.307

77, 13.858,
152.083

72, 45.355,
149.215

78, 3.216, 152.871

71, 55.141,
147.960

80, 7.290, 333.349

82, 17.581,
333.922

71, 64.230,
146.530

84, 27.605,
334.414

70, 72.418,
144.924

86, 34.664,
329.085

69, 79.530,
143.170

86, 37.459,

■ 69, 85.437,
141.326

325.726

■ 69, 88.874,
140.104

Harmonies

Complementary

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



75, 24.526, 151.255



67, 24.703, 334.524

Rectangle

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



75, 24.526, 151.255



75, 24.526, 201.255



75, 24.526, 331.255



75, 24.526, 21.255

Sweetspot

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



75, 24.528, 151.255



98, 9.200, 152.537



77, 24.312, 118.471



52, 5.981, 152.490



0, 0.000, 0.000



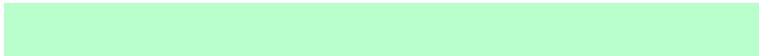
53, 0.007, 296.813

Same Dimension

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



75, 24.528, 151.255



94, 36.976, 150.760



76, 17.186, 177.363



40, 5.971, 152.366



58, 76.387, 140.393



10, 21.285, 149.383

Inverse Universe

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



67, 24.703, 334.524



83, 37.272, 334.922



67, 18.610, 1.919



38, 5.997, 333.552



36, 66.925, 342.299



4, 18.811, 338.265

Previews

White Background



This preview shows how the CIELCh color 75, 24.526, 151.255 looks on a white background.

Color Contrast Check

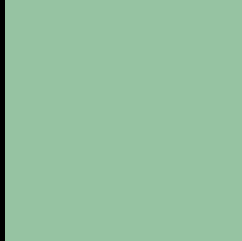
Large Text (above 18pt) WCAG AA × Fail

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, 24.526, 151.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

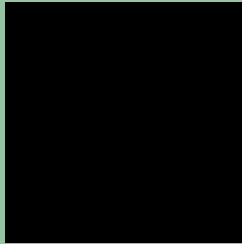
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.526, 151.255

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.526, 151.255.



This preview shows how white text looks on a background with the CIELCh color 75, 24.526, 151.255.

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, 24.526, 151.255

Protanopia
75, 15.548, 93.973

Deuteranopia
75, 13.597, 45.937



Tritanopia
75, 13.426, 239.060

Trichromacy



Original Color
75, 24.526, 151.255

Protanomaly
75, 16.570, 122.188

Deuteranomaly
75, 10.278, 102.707

Tritanomaly
75, 12.769, 193.565

Monochromacy



Original Color
75, 24.526, 151.255

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.885, 151.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.526, 151.255 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(150, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 195, 162)  
}
```

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(150, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.526, 151.255 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(150, 195, 162) }
```

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

```
.border{ border-color:rgb(150, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.526, 151.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 162) }
```

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

```
.background{ background-color: rgb(150,  
195, 162) }
```

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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