

Converting Colors

CIELCh(75, 24.140, 145.801)

Have a look what the booklet for
CIELCh(75, 24.140, 145.801)
contains.

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Color

CIELCh(75, 23.969, 146.026)

Conversions

Conversions Part 1	
Format	Color
Hex	9BC29F
RGB	155, 194, 159
RGB Percent	61%, 76%, 62%
CMY	0.3907, 0.2377, 0.3750
CMYK	0.20, 0.00, 0.18, 0.24
HSL	126°, 24%, 69%
HSV	126°, 20%, 76%
XYZ	39.2583, 48.2781, 40.2204
YIQ	178.3490, -12.0090, -19.1530

Conversions

Conversions Part 2

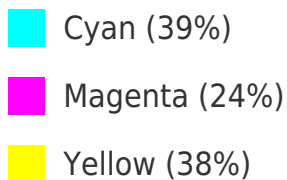
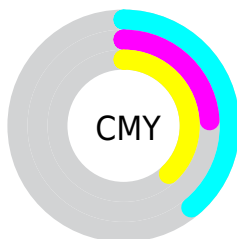
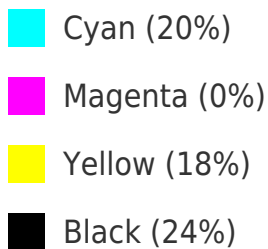
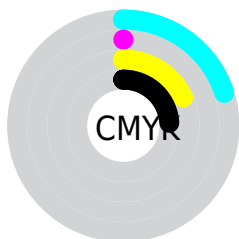
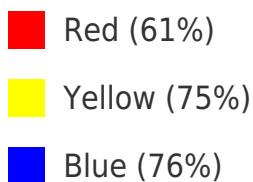
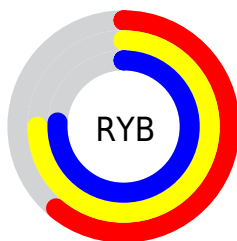
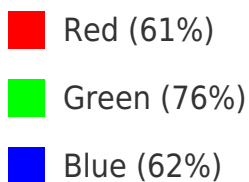
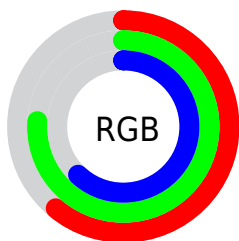
Format	Color
RYB	155, 190, 194
Decimal	10207903
CIELab	75.00, -19.88, 13.39
CIELCh	75, 23.969, 146.026
Yxy	48.2781, 0.3073, 0.3779
Android (android.graphics.Color)	4288397983 (0xFF9BC29F)
YUV	178.3490, -9.5391, -20.4771
Hunter-Lab	69.4824, -20.7399, 14.3173

Details

The CIELCh color **75, 23.969, 146.026** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 24.011, 328.498**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.068, 146.144**, and **55, 23.607, 146.553** is the 20% darker color. If you saturate the color by 10%, you get **74, 35.905, 145.186**, and if you desaturate by 10%, it is **77, 11.975, 146.754**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.969, 146.026 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, 23.969, 146.026 by changing the saturation by 10% instead.


 75, 23.969,
146.026


 75, 23.969,
146.026


 100, 23.969,
146.026


 65, 23.969,
146.026


 95, 23.969,
146.026

 55, 23.969,
146.026

 45, 23.969,
146.026

 35, 23.969,
146.026

 25, 23.969,
146.026

 15, 23.969,
146.026

 5, 23.969, 146.026

0, 23.969, 146.026

75, 23.969,
146.026

75, 23.969,
146.026

74, 35.905,
145.186

77, 11.975,
146.754

72, 47.573,
144.213

79, 0.075, 151.054

71, 58.721,
143.102

81, 11.618,
327.843

70, 69.053,
141.860

83, 23.025,
328.304

70, 78.234,
140.521

85, 34.099,
328.695

69, 85.913,
139.159

86, 38.012,
325.745

■ 69, 91.753,
137.886

■ 69, 95.578,
136.901

Harmonies

Complementary

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



75, 23.969, 146.026



69, 24.011, 328.498

Rectangle

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



75, 23.969, 146.026



75, 23.969, 196.026



75, 23.969, 326.026



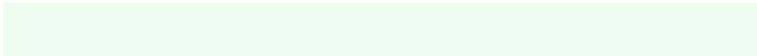
75, 23.969, 16.026

Sweetspot

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



75, 23.971, 146.026



98, 8.795, 147.024



77, 20.791, 112.482



52, 5.885, 146.979



0, 0.000, 0.000



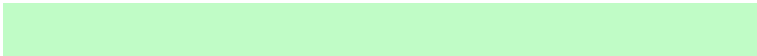
53, 0.007, 296.813

Same Dimension

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



75, 23.971, 146.026



94, 35.458, 145.679



75, 16.552, 167.574



40, 6.722, 146.802



57, 82.671, 137.058



10, 23.096, 145.967

Inverse Universe

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



69, 24.011, 328.498



85, 35.512, 328.753



68, 17.212, 351.323



38, 6.735, 327.860



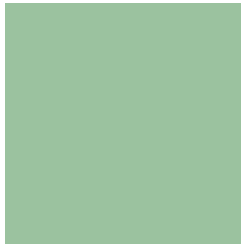
37, 75.552, 332.730



4, 22.003, 330.060

Previews

White Background



This preview shows how the CIELCh color 75, 23.969, 146.026 looks on a white background.

Color Contrast Check

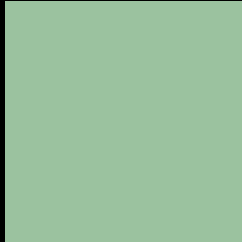
Large Text (above 18pt) WCAG AA × Fail

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, 23.969, 146.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

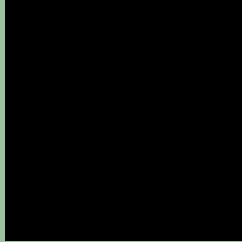
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.969, 146.026

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.969, 146.026.



This preview shows how white text looks on a background with the CIELCh color 75, 23.969, 146.026.

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, 23.969, 146.026

Protanopia

75, 16.590, 94.763

Deuteranopia




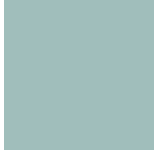
75, 15.156, 49.910




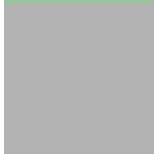
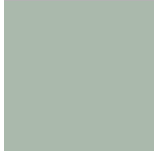
Tritanopia

75, 11.657, 243.159

Trichromacy

	Original Color 75, 23.969, 146.026
	Protanomaly 75, 17.441, 118.856
	Deuteranomaly 74, 11.617, 95.480
	Tritanomaly 75, 10.872, 189.986

Monochromacy

	Original Color 75, 23.969, 146.026
	Achromatopsia 73, 0.009, 296.813
	Achromatomaly 74, 9.049, 147.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.969, 146.026 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(155, 194, 159)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 159)  
}
```


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(155, 194, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.969, 146.026 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(155, 194, 159) }
```


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

```
.border{ border-color:rgb(155, 194, 159) }
```

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

Here you see how a box with a 4 pixel rgb(155, 194, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 194, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 194, 159);  
box-shadow:4px 4px 4px 4px rgb(155, 194,  
159) }
```


Background

The CSS property to change the background color of an element to CIELCh 75, 23.969, 146.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 159) }
```

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

```
.background{ background-color: rgb(155,  
194, 159) }
```

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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