

Converting Colors

CIELCh(69, 19.558, 124.971)

Have a look what the booklet for
CIELCh(69, 19.558, 124.971)
contains.

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Color

CIElCh(69, 19.354, 124.975)

Conversions

Conversions Part 1

Format	Color
Hex	9FAD8B
RGB	159, 173, 139
RGB Percent	62%, 68%, 55%
CMY	0.3748, 0.3199, 0.4533
CMYK	0.08, 0.00, 0.20, 0.32
HSL	85°, 17%, 61%
HSV	85°, 20%, 68%
XYZ	34.1004, 39.3444, 30.3828
YIQ	164.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

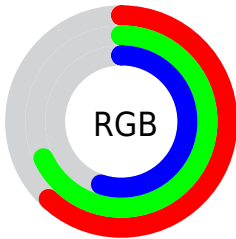
Format	Color
RYB	139, 173, 153
Decimal	10464651
CIELab	69.00, -11.09, 15.86
CIElCh	69, 19.354, 124.975
Yxy	39.3444, 0.3284, 0.3789
Android (android.graphics.Color)	4288654731 (0xFF9FAD8B)
YUV	164.9380, -12.7874, -5.2076
Hunter-Lab	62.7251, -12.7276, 15.1887

Details

The CIELCh color $69, 19.354, 124.975$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 19.975, 306.942$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 18.883, 124.740$, and $49, 19.527, 125.633$ is the 20% darker color. If you saturate the color by 10%, you get $68, 29.141, 124.470$, and if you desaturate by 10%, it is $70, 9.488, 125.479$.

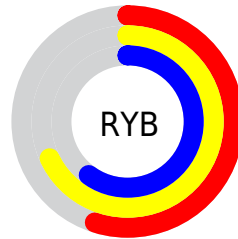
Distribution



Red (62%)

Green (68%)

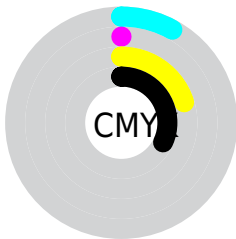
Blue (55%)



Red (55%)

Yellow (68%)

Blue (60%)

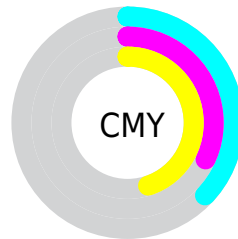


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (37%)


Magenta (32%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.354, 124.975 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 69, 19.354, 124.975 by changing the saturation by 10% instead.


 69, 19.354,
124.975


 69, 19.354,
124.975


 100, 19.354,
124.975


 59, 19.354,
124.975


 89, 19.354,
124.975

 49, 19.354,
124.975

 99, 19.354,
124.975

 39, 19.354,
124.975

 29, 19.354,
124.975

 19, 19.354,
124.975

 9, 19.354, 124.975

 0, 19.354, 124.975

69, 19.354,
124.975

69, 19.354,
124.975

68, 29.141,
124.470

70, 9.488, 125.479

67, 38.740,
123.976

71, 0.389, 305.742

67, 48.000,
123.533

72, 10.223,
306.385

66, 56.699,
123.195

73, 19.979,
306.802

65, 64.522,
123.046

74, 29.630,
307.182

65, 71.067,
123.195

76, 39.156,
307.529

64, 75.931,
123.760

77, 45.578,
308.714

64, 79.199,

77, 46.155,
311.597

124.711

■ 78, 46.837,
314.443

■ 64, 79.319,
124.746

Harmonies

Complementary

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



69, 19.354, 124.975



60, 19.975, 306.942

Rectangle

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



69, 19.354, 124.975



69, 19.354, 174.975



69, 19.354, 304.975



69, 19.354, 354.975

Sweetspot

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



69, 19.356, 124.978



89, 7.295, 125.654



65, 11.228, 61.907



47, 4.834, 125.623



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 19.356, 124.978



87, 29.174, 124.734



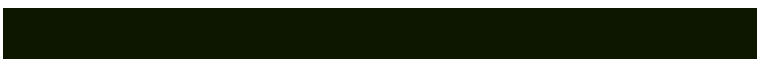
68, 22.179, 140.644



36, 5.585, 125.495



56, 71.328, 124.559



6, 12.066, 129.332

Inverse Universe

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



60, 19.975, 306.942



73, 30.356, 307.224



62, 22.280, 322.645



34, 5.674, 306.376



21, 85.599, 310.254



1, 11.680, 303.140

Previews

White Background



This preview shows how the CIELCh color 69, 19.354, 124.975 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 69, 19.354, 124.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

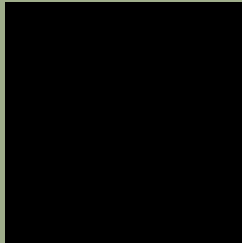
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.354, 124.975

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.354, 124.975.



This preview shows how white text looks on a background with the CIELCh color 69, 19.354, 124.975.

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
69, 19.354, 124.975

Protanopia
69, 17.403, 94.901

Deuteranopia
69, 17.177, 59.466



Tritanopia
69, 7.167, 285.068

Trichromacy



Original Color
69, 19.354, 124.975

Protanomaly
69, 17.435, 107.062

Deuteranomaly
69, 14.984, 84.822

Tritanomaly
69, 3.167, 155.521

Monochromacy



Original Color
69, 19.354, 124.975

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.871, 125.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.354, 124.975 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(159, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 139)  
}
```

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(159, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.354, 124.975 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(159, 173, 139) }
```

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

```
.border{ border-color:rgb(159, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.354, 124.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 139) }
```

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

```
.background{ background-color: rgb(159,  
173, 139) }
```

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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