

Converting Colors

CIELCh(75, 22.611, 143.028)

Have a look what the booklet for
CIELCh(75, 22.611, 143.028)
contains.

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Color

CIELCh(75, 22.438, 143.349)

Conversions

Conversions Part 1

Format	Color
Hex	9FC19F
RGB	159, 193, 159
RGB Percent	62%, 76%, 62%
CMY	0.3747, 0.2413, 0.3747
CMYK	0.18, 0.00, 0.18, 0.24
HSL	120°, 22%, 69%
HSV	120°, 18%, 76%
XYZ	39.8545, 48.2781, 40.2205
YIQ	178.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

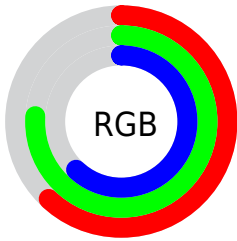
Format	Color
RYB	159, 193, 193
Decimal	10469791
CIELab	75.00, -18.00, 13.39
CIElCh	75, 22.438, 143.349
Yxy	48.2781, 0.3105, 0.3761
Android (android.graphics.Color)	4288659871 (0xFF9FC19F)
YUV	178.9580, -9.8393, -17.5032
Hunter-Lab	69.4824, -19.2082, 14.3172

Details

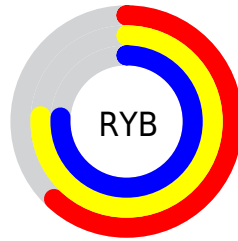
The CIELCh color **75, 22.438, 143.349** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 22.459, 325.385**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.604, 143.562**, and **55, 21.984, 143.817** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.226, 142.566**, and if you desaturate by 10%, it is **77, 9.625, 144.029**.

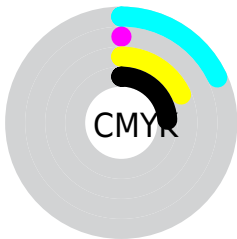
Distribution



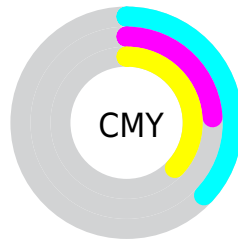
- Red (62%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 22.438, 143.349 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, 22.438, 143.349 by changing the saturation by 10% instead.


 75, 22.438,
143.349

 75, 22.438,
143.349


 100, 22.438,
143.349


 65, 22.438,
143.349


 95, 22.438,
143.349

 55, 22.438,
143.349

 45, 22.438,
143.349

 35, 22.438,
143.349

 25, 22.438,
143.349

 15, 22.438,
143.349

 5, 22.438, 143.349

0, 22.438, 143.349

75, 22.438,
143.349

75, 22.438,
143.349

73, 35.226,
142.566

77, 9.625, 144.029

72, 47.757,
141.663

79, 3.051, 324.484

71, 59.738,
140.644

81, 15.475,
325.027

70, 70.798,
139.537

83, 27.570,
325.437

69, 80.489,
138.408

85, 38.593,
325.764

69, 88.305,
137.371

■ 68, 93.768,
136.570

■ 68, 96.740,
136.106

■ 68, 97.305,
136.016

Harmonies

Complementary

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



75, 22.438, 143.349



70, 22.459, 325.385

Rectangle

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



75, 22.438, 143.349



75, 22.438, 193.349



75, 22.438, 323.349



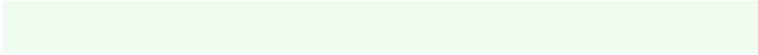
75, 22.438, 13.349

Sweetspot

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



75, 22.440, 143.349



98, 7.859, 144.192



77, 17.810, 107.798



53, 5.409, 144.145



0, 0.000, 0.000



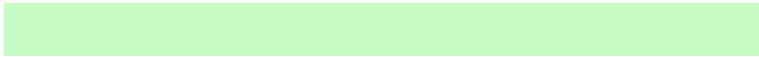
53, 0.007, 296.813

Same Dimension

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



75, 22.440, 143.349



94, 33.292, 143.069



75, 15.762, 161.286



40, 7.215, 143.913



57, 84.787, 136.016



10, 24.260, 144.094

Inverse Universe

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



70, 22.459, 325.385



86, 33.312, 325.590



69, 16.085, 344.235



38, 7.225, 324.928



38, 81.806, 328.229



4, 24.212, 326.356

Previews

White Background



This preview shows how the CIELCh color 75, 22.438, 143.349 looks on a white background.

Color Contrast Check

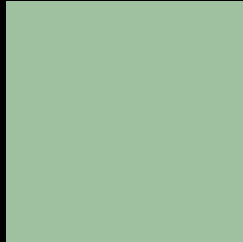
Large Text (above 18pt) WCAG AA × Fail

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, 22.438, 143.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

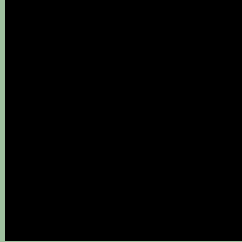
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.438, 143.349

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.438, 143.349.



This preview shows how white text looks on a background with the CIELCh color 75, 22.438, 143.349.

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, 22.438, 143.349

Protanopia
75, 16.069, 94.382

Deuteranopia
75, 15.156, 49.910



Tritanopia
75, 10.534, 249.556

Trichromacy



Original Color
75, 22.438, 143.349

Protanomaly
75, 16.268, 116.912

Deuteranomaly
75, 11.826, 91.771

Tritanomaly
75, 9.068, 191.876

Monochromacy



Original Color
75, 22.438, 143.349

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 7.939, 144.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.438, 143.349 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, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 193, 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(159, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 193, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.438, 143.349 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, 193, 159) }
```

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

```
.border{ border-color:rgb(159, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 193,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.438, 143.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 193, 159) }
```

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

```
.background{ background-color: rgb(159,  
193, 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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