

Converting Colors

CIELCh(44, 35.590, 2.068)

Have a look what the booklet for
CIELCh(44, 35.590, 2.068) contains.

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Color

CIELCh(44, 35.503, 2.193)

Conversions

Conversions Part 1

Format	Color
Hex	9E4F67
RGB	158, 79, 103
RGB Percent	62%, 31%, 40%
CMY	0.3804, 0.6902, 0.5961
CMYK	0.00, 0.50, 0.35, 0.38
HSL	342°, 33%, 46%
HSV	342°, 50%, 62%
XYZ	19.3421, 13.8382, 14.4816
YIQ	105.3570, 39.3800, 24.2120

Conversions

Conversions Part 2

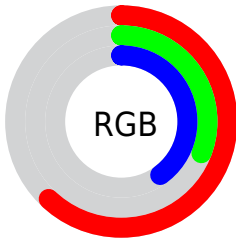
Format	Color
R _Y B	158, 79, 103
Decimal	10375015
CIE Lab	44.00, 35.48, 1.36
CIE LCh	44, 35.503, 2.193
Yxy	13.8382, 0.4058, 0.2903
Android (android.graphics.Color)	4288565095 (0xFF9E4F67)
YUV	105.3570, -1.1620, 46.1679
Hunter-Lab	37.1997, 27.7119, 2.9586

Details

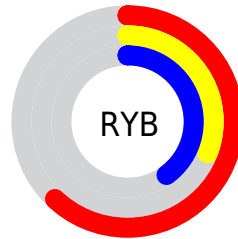
The CIELCh color $44, 35.503, 2.193$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $60, 30.725, 170.420$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 35.745, 2.017$, and $24, 35.719, 2.530$ is the 20% darker color. If you saturate the color by 10%, you get $41, 42.316, 4.407$, and if you desaturate by 10%, it is $48, 28.312, 0.404$.

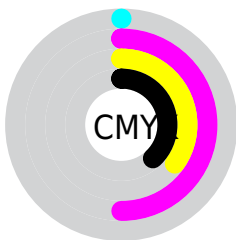
Distribution



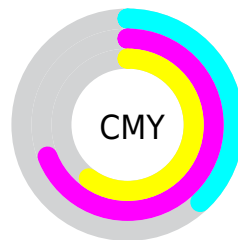
- Red (62%)
- Green (31%)
- Blue (40%)



- Red (62%)
- Yellow (31%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (38%)





- Cyan (38%)
- Magenta (69%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 35.503, 2.193 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 44, 35.503, 2.193 by changing the saturation by 10% instead.


 44, 35.503, 2.193  44, 35.503, 2.193

 100, 35.503, 2.193  34, 35.503, 2.193

 64, 35.503, 2.193  24, 35.503, 2.193

 74, 35.503, 2.193  14, 35.503, 2.193

 84, 35.503, 2.193  4, 35.503, 2.193

 94, 35.503, 2.193  0, 35.503, 2.193

 44, 35.503, 2.193  44, 35.503, 2.193

 41, 42.316, 4.407  48, 28.312, 0.404

 38, 48.442, 7.184  52, 21.012,
358.923

 35, 53.590, 10.687

34, 57.620, 15.055

56, 13.791,
357.670

33, 60.974, 20.020

61, 6.767, 356.573

33, 60.974, 20.020

65, 0.008, 293.270

70, 6.471, 174.941

74, 12.653,
174.174

79, 18.554,
173.500

84, 24.189,
172.891

Harmonies

Complementary

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



44, 35.503, 2.193



60, 30.725, 170.420

Rectangle

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



44, 35.503, 2.193



44, 35.503, 52.193



44, 35.503, 182.193



44, 35.503, 232.193

Sweetspot

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



44, 35.501, 2.195



75, 12.757, 357.140



43, 50.236, 317.259



38, 8.806, 357.360



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



44, 35.501, 2.195



53, 52.557, 4.701



47, 31.540, 38.362



31, 3.823, 356.494



29, 56.480, 19.477



1, 4.873, 356.785

Inverse Universe

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



44, 35.501, 2.195



53, 52.557, 4.701



56, 21.725, 220.333



31, 3.823, 356.494



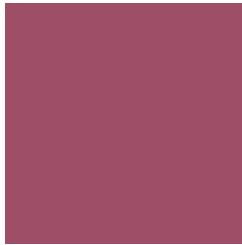
29, 56.480, 19.477



1, 4.873, 356.785

Previews

White Background



This preview shows how the CIELCh color 44, 35.503, 2.193 looks on a white background.

Color Contrast Check

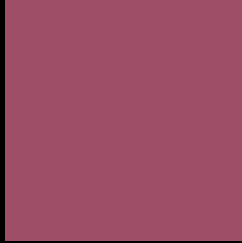
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 44, 35.503, 2.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

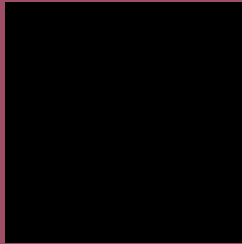
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 35.503, 2.193

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.503, 2.193.



This preview shows how white text looks on a background with the CIELCh color 44, 35.503, 2.193.

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

44, 35.503, 2.193

Protanopia

44, 8.385, 288.707

Deuteranopia

44, 6.940, 30.046



Tritanopia
44, 33.417, 18.609

Trichromacy



Original Color
44, 35.503, 2.193

Protanomaly
44, 15.702, 338.323

Deuteranomaly
44, 17.212, 7.925

Tritanomaly
44, 33.631, 12.844

Monochromacy



Original Color
44, 35.503, 2.193

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 12.720, 359.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.503, 2.193 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(158, 79, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 79, 103)  
}
```

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(158, 79, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 79, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.503, 2.193 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(158, 79, 103) }
```

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

```
.border{ border-color:rgb(158, 79, 103) }
```

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

Here you see how a box with a 4 pixel rgb(158, 79, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 79, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 79, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 79,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.503, 2.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 79, 103) }
```

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

```
.background{ background-color: rgb(158, 79,  
103) }
```

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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