

Converting Colors

CIELCh(40, 9.934, 225.153)

Have a look what the booklet for
CIELCh(40, 9.934, 225.153) contains.

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Color

CIELCh(40, 9.896, 224.132)

Conversions

Conversions Part 1

Format	Color
Hex	4A6269
RGB	74, 98, 105
RGB Percent	29%, 38%, 41%
CMY	0.7092, 0.6150, 0.5876
CMYK	0.29, 0.07, 0.00, 0.59
HSL	194°, 17%, 35%
HSV	194°, 29%, 41%
XYZ	9.7772, 11.2510, 15.0649
YIQ	91.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

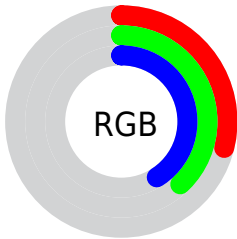
Format	Color
R_YB	74, 88, 105
Decimal	4874857
CIE Lab	40.00, -7.10, -6.89
CIE LCh	40, 9.896, 224.132
Yxy	11.2510, 0.2709, 0.3117
Android (android.graphics.Color)	4283064937 (0xFF4A6269)
YUV	91.6220, 6.5954, -15.4545
Hunter-Lab	33.5425, -6.6688, -3.1491

Details

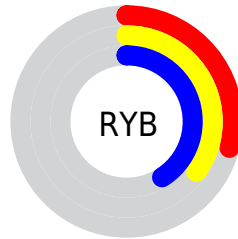
The CIELCh color **40, 9.896, 224.132** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37, 11.912, 41.858**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 9.775, 222.644**, and **20, 9.982, 222.212** is the 20% darker color. If you saturate the color by 10%, you get **39, 12.796, 225.047**, and if you desaturate by 10%, it is **41, 6.736, 223.441**.

Distribution



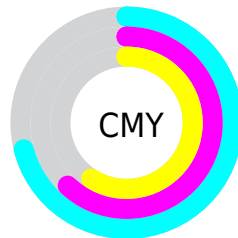
- Red (29%)
- Green (38%)
- Blue (41%)



- Red (29%)
- Yellow (35%)
- Blue (41%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (71%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 9.896, 224.132 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 40, 9.896, 224.132 by changing the saturation by 10% instead.

■ 40, 9.896, 224.132

■ 40, 9.896, 224.132

■ 100, 9.896,
224.132

■ 30, 9.896, 224.132

■ 60, 9.896, 224.132

■ 20, 9.896, 224.132

■ 70, 9.896, 224.132

■ 10, 9.896, 224.132

■ 80, 9.896, 224.132

■ 0, 9.896, 224.132

■ 90, 9.896, 224.132

■ 40, 9.896, 224.132

■ 40, 9.896, 224.132

■ 39, 12.796,
225.047

■ 41, 6.736, 223.441

■ 37, 15.391,

■ 43, 3.361, 222.968

226.251

45, 0.186, 40.684

36, 17.638,
227.801

46, 3.867, 42.135

35, 19.507,
229.770

48, 7.651, 41.999

34, 20.988,
232.232

50, 11.510, 41.904

33, 22.098,
235.255

51, 15.423, 41.856

32, 23.049,
238.521

53, 19.370, 41.846

32, 23.101,
238.683

55, 23.337, 41.867

Harmonies

Complementary

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



40, 9.896, 224.132



37, 11.912, 41.858

Rectangle

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



40, 9.896, 224.132



40, 9.896, 274.132



40, 9.896, 44.132



40, 9.896, 94.132

Sweetspot

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



40, 9.896, 224.127



56, 3.982, 222.961



42, 19.616, 149.029



28, 2.740, 222.999



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



40, 9.896, 224.127



51, 14.337, 224.698



35, 14.123, 279.002



22, 2.024, 222.951



35, 25.010, 239.253



72, 43.476, 241.993

Inverse Universe

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



36, 19.593, 333.268



44, 28.956, 333.706



41, 13.985, 91.463



21, 3.766, 331.949



25, 55.066, 339.209



55, 93.883, 340.025

Previews

White Background



This preview shows how the CIELCh color 40, 9.896, 224.132 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 CIE LCh color 40, 9.896, 224.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

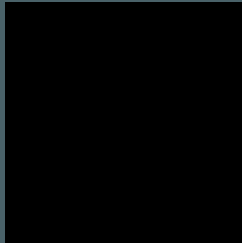
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 9.896, 224.132

Background



This preview shows how black text looks on a background with the CIELCh color 40, 9.896, 224.132.



This preview shows how white text looks on a background with the CIELCh color 40, 9.896, 224.132.

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

40, 9.896, 224.132

Protanopia

40, 5.497, 291.027

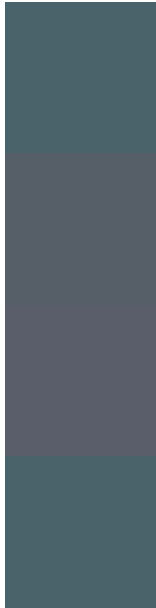
Deuteranopia

40, 9.408, 303.804



Tritanopia
40, 10.114, 227.463

Trichromacy



Original Color
40, 9.896, 224.132

Protanomaly
40, 5.966, 254.271

Deuteranomaly
40, 7.535, 276.167

Tritanomaly
40, 10.114, 227.463

Monochromacy



Original Color
40, 9.896, 224.132

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 3.695, 228.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 9.896, 224.132 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(74, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(74, 98, 105)  
}
```

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(74, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 98, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 9.896, 224.132 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(74, 98, 105) }
```

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

```
.border{ border-color:rgb(74, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(74, 98,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 9.896, 224.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 98, 105) }
```

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

```
.background{ background-color: rgb(74, 98,  
105) }
```

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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