

Converting Colors

CIELCh(40, 7.966, 211.841)

Have a look what the booklet for
CIELCh(40, 7.966, 211.841) contains.

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Color

CIELCh(40, 7.966, 211.841)

Conversions

Conversions Part 1

Format	Color
Hex	4E6265
RGB	78, 98, 101
RGB Percent	31%, 38%, 40%
CMY	0.6948, 0.6164, 0.6046
CMYK	0.23, 0.03, 0.00, 0.60
HSL	188°, 13%, 35%
HSV	188°, 23%, 40%
XYZ	9.8193, 11.2510, 13.9207
YIQ	92.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

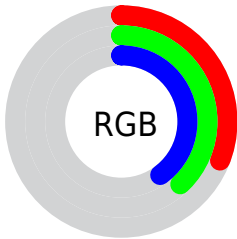
Format	Color
R_{YB}	78, 89, 101
Decimal	5136997
CIE Lab	40.00, -6.77, -4.20
CIE LCh	40, 7.966, 211.841
Yxy	11.2510, 0.2806, 0.3215
Android (android.graphics.Color)	4283327077 (0xFF4E6265)
YUV	92.3620, 4.2585, -12.5955
Hunter-Lab	33.5425, -6.4450, -1.1266

Details

The CIELCh color **40, 7.966, 211.841** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 9.218, 32.151**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 7.902, 211.179**, and **20, 7.956, 207.889** is the 20% darker color. If you saturate the color by 10%, you get **39, 11.073, 212.028**, and if you desaturate by 10%, it is **41, 4.603, 211.781**.

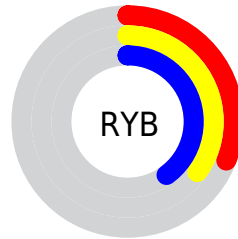
Distribution



Red (31%)

Green (38%)

Blue (40%)



Red (31%)

Yellow (35%)

Blue (40%)

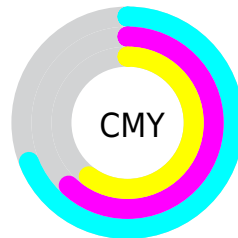


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (60%)



Cyan (69%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 7.966, 211.841 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, 7.966, 211.841 by changing the saturation by 10% instead.

■ 40, 7.966, 211.841

■ 40, 7.966, 211.841

■ 100, 7.966,
211.841

■ 30, 7.966, 211.841

■ 60, 7.966, 211.841

■ 20, 7.966, 211.841

■ 70, 7.966, 211.841

■ 10, 7.966, 211.841

■ 80, 7.966, 211.841

■ 0, 7.966, 211.841

■ 90, 7.966, 211.841

■ 40, 7.966, 211.841

■ 40, 7.966, 211.841

■ 39, 11.073,
212.028

■ 41, 4.603, 211.781

■ 38, 13.872,

■ 42, 1.034, 212.047

212.377

44, 2.698, 31.685

37, 16.312,
212.913

45, 6.551, 31.908

36, 18.346,
213.673

46, 10.494, 32.121

35, 19.941,
214.700

48, 14.500, 32.358

35, 21.084,
216.039

49, 18.545, 32.615

34, 21.805,
217.715

51, 22.612, 32.888

34, 22.263,
218.944

52, 26.687, 33.171

Harmonies

Complementary

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



40, 7.966, 211.841



36, 9.218, 32.151

Rectangle

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



40, 7.966, 211.841



40, 7.966, 261.841



40, 7.966, 31.841



40, 7.966, 81.841

Sweetspot

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



40, 7.966, 211.834



53, 3.145, 211.833



40, 15.762, 146.343



27, 2.058, 211.827



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



40, 7.966, 211.834



50, 11.438, 211.912



37, 9.330, 270.062



21, 2.057, 211.807



38, 24.375, 219.332



78, 42.132, 220.935

Inverse Universe

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



36, 15.643, 329.473



45, 22.828, 329.758



40, 9.503, 84.155



20, 3.866, 328.675



25, 58.121, 333.927



56, 100.201, 334.326

Previews

White Background



This preview shows how the CIELCh color 40, 7.966, 211.841 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, 7.966, 211.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

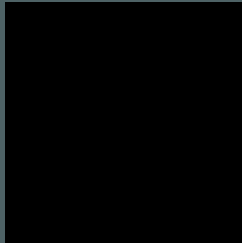
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

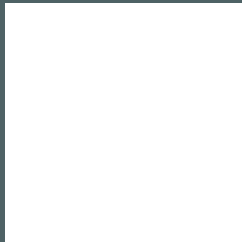
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 40, 7.966, 211.841

Background



This preview shows how black text looks on a background with the CIELCh color 40, 7.966, 211.841.



This preview shows how white text looks on a background with the CIELCh color 40, 7.966, 211.841.

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

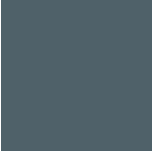
40, 7.966, 211.841

Protanopia

40, 3.090, 298.319

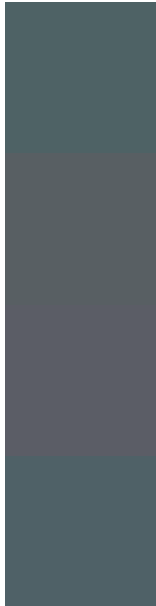
Deuteranopia

40, 7.514, 317.002



Tritanopia
40, 8.334, 234.724

Trichromacy



Original Color

40, 7.966, 211.841

Protanomaly

40, 3.698, 240.572

Deuteranomaly

40, 5.542, 282.686

Tritanomaly

40, 7.782, 226.853

Monochromacy



Original Color

40, 7.966, 211.841

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 2.926, 211.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 7.966, 211.841 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(78, 98, 101)` looks like.

```
.text, #text, p{  
    color:rgb(78, 98, 101)  
}
```

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(78, 98, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 98, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 7.966, 211.841 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(78, 98, 101) }
```

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

```
.border{ border-color:rgb(78, 98, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 98, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 98, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 98, 101);  
box-shadow:4px 4px 4px 4px rgb(78, 98,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 7.966, 211.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 98, 101) }
```

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

```
.background{ background-color: rgb(78, 98,  
101) }
```

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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