

Converting Colors

CIELCh(41, 8.394, 222.551)

Have a look what the booklet for
CIELCh(41, 8.394, 222.551) contains.

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Color

CIELCh(41, 8.400, 224.415)

Conversions

Conversions Part 1

Format	Color
Hex	50646A
RGB	80, 100, 106
RGB Percent	31%, 39%, 42%
CMY	0.6862, 0.6078, 0.5842
CMYK	0.25, 0.06, 0.00, 0.58
HSL	194°, 14%, 36%
HSV	194°, 25%, 42%
XYZ	10.4707, 11.8645, 15.3782
YIQ	94.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

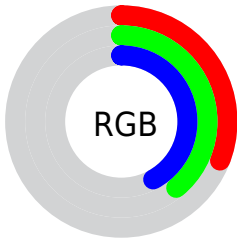
Format	Color
R_{YB}	80, 91, 106
Decimal	5268586
CIE Lab	41.00, -6.00, -5.88
CIE LCh	41, 8.400, 224.415
Yxy	11.8645, 0.2776, 0.3146
Android (android.graphics.Color)	4283458666 (0xFF50646A)
YUV	94.7040, 5.5689, -12.8954
Hunter-Lab	34.4449, -6.0175, -2.3590

Details

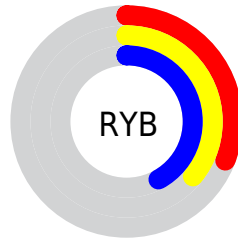
The CIELCh color **41, 8.400, 224.415** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 9.761, 42.429**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.305, 222.897**, and **21, 8.493, 226.973** is the 20% darker color. If you saturate the color by 10%, you get **40, 11.453, 225.239**, and if you desaturate by 10%, it is **43, 5.111, 223.799**.

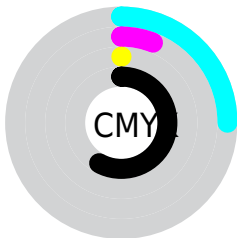
Distribution



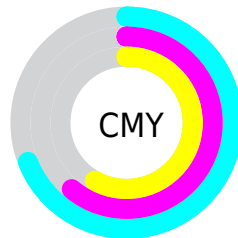
- Red (31%)
- Green (39%)
- Blue (42%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.400, 224.415 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 41, 8.400, 224.415 by changing the saturation by 10% instead.

■ 41, 8.400, 224.415

■ 41, 8.400, 224.415

■ 100, 8.400,
224.415

■ 31, 8.400, 224.415

■ 61, 8.400, 224.415

■ 21, 8.400, 224.415

■ 71, 8.400, 224.415

■ 11, 8.400, 224.415

■ 81, 8.400, 224.415

■ 1, 8.400, 224.415

■ 91, 8.400, 224.415

■ 0, 8.400, 224.415

■ 41, 8.400, 224.415

■ 41, 8.400, 224.415

■ 40, 11.453,
225.239

■ 43, 5.111, 223.799

■ 38, 14.223,

■ 44, 1.629, 223.468

226.331

46, 2.005, 42.752

37, 16.666,
227.744

47, 5.758, 42.622

36, 18.746,
229.546

49, 9.598, 42.486

34, 20.442,
231.813

51, 13.502, 42.399

33, 21.758,
234.619

53, 17.449, 42.356

32, 22.762,
237.947

54, 21.424, 42.349

32, 23.314,
239.737

56, 25.412, 42.369

Harmonies

Complementary

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



41, 8.400, 224.415



38, 9.761, 42.429

Rectangle

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



41, 8.400, 224.415



41, 8.400, 274.415



41, 8.400, 44.415



41, 8.400, 94.415

Sweetspot

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



41, 8.400, 224.408



56, 3.106, 223.504



42, 16.432, 149.444



28, 2.001, 223.513



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 8.400, 224.408



52, 12.113, 224.817



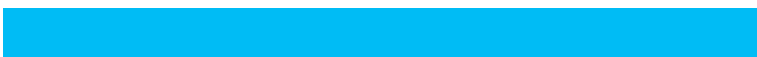
37, 11.766, 278.194



22, 2.020, 223.559



35, 25.099, 240.273



71, 43.674, 243.059

Inverse Universe

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



37, 16.351, 333.132



46, 23.963, 333.481



42, 11.674, 92.060



21, 3.752, 332.130



25, 54.876, 339.509



55, 93.546, 340.351

Previews

White Background



This preview shows how the CIELCh color 41, 8.400, 224.415 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 41, 8.400, 224.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

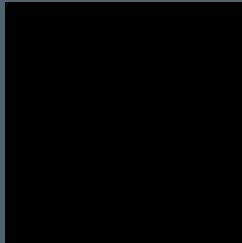
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.400, 224.415

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.400, 224.415.



This preview shows how white text looks on a background with the CIELCh color 41, 8.400, 224.415.

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

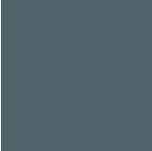
41, 8.400, 224.415

Protanopia

41, 4.254, 290.826

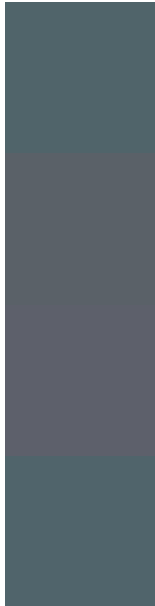
Deuteranopia

41, 8.431, 310.891



Tritanopia
41, 8.896, 231.892

Trichromacy



Original Color
41, 8.400, 224.415

Protanomaly
41, 5.030, 257.154

Deuteranomaly
41, 6.764, 281.070

Tritanomaly
41, 8.631, 228.258

Monochromacy



Original Color
41, 8.400, 224.415

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 3.074, 222.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.400, 224.415 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(80, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(80, 100, 106)  
}
```

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(80, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 100, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.400, 224.415 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(80, 100, 106) }
```

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

```
.border{ border-color:rgb(80, 100, 106) }
```

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

Here you see how a box with a 4 pixel rgb(80, 100, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(80, 100,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.400, 224.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 100, 106) }
```

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

```
.background{ background-color: rgb(80, 100,  
106) }
```

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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