

Converting Colors

CIELCh(41, 9.308, 222.535)

Have a look what the booklet for
CIELCh(41, 9.308, 222.535) contains.

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Color

CIELCh(41, 9.254, 226.025)

Conversions

Conversions Part 1

Format	Color
Hex	4E646B
RGB	78, 100, 107
RGB Percent	31%, 39%, 42%
CMY	0.6931, 0.6068, 0.5793
CMYK	0.27, 0.07, 0.00, 0.58
HSL	194°, 16%, 36%
HSV	194°, 27%, 42%
XYZ	10.4151, 11.8645, 15.7267
YIQ	94.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

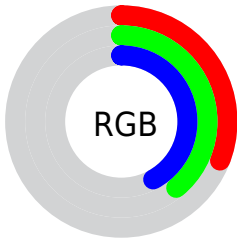
Format	Color
R_{YB}	78, 91, 107
Decimal	5137515
CIE Lab	41.00, -6.43, -6.66
CIE LCh	41, 9.254, 226.025
Yxy	11.8645, 0.2740, 0.3122
Android (android.graphics.Color)	4283327595 (0xFF4E646B)
YUV	94.2200, 6.3005, -14.2249
Hunter-Lab	34.4449, -6.3059, -2.9588

Details

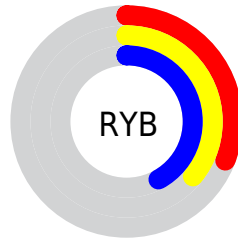
The CIELCh color $41, 9.254, 226.025$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38, 10.921, 43.539$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 9.134, 224.428$, and $21, 9.331, 228.899$ is the 20% darker color. If you saturate the color by 10%, you get $40, 12.267, 226.980$, and if you desaturate by 10%, it is $43, 5.995, 225.297$.

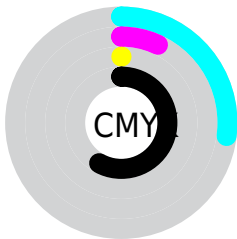
Distribution



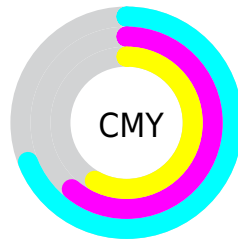
- Red (31%)
- Green (39%)
- Blue (42%)



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



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.254, 226.025 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, 9.254, 226.025 by changing the saturation by 10% instead.

■ 41, 9.254, 226.025

■ 41, 9.254, 226.025

■ 100, 9.254,
226.025

■ 31, 9.254, 226.025

■ 61, 9.254, 226.025

■ 21, 9.254, 226.025

■ 71, 9.254, 226.025

■ 11, 9.254, 226.025

■ 81, 9.254, 226.025

■ 1, 9.254, 226.025

■ 91, 9.254, 226.025

■ 0, 9.254, 226.025

■ 41, 9.254, 226.025

■ 41, 9.254, 226.025

■ 40, 12.267,
226.980

■ 43, 5.995, 225.297

■ 38, 14.990,

■ 44, 2.536, 224.811

228.227

46, 1.084, 43.949

37, 17.380,
229.824

48, 4.828, 43.885

35, 19.406,
231.844

49, 8.667, 43.699

34, 21.053,
234.365

51, 12.574, 43.565

33, 22.337,
237.457

53, 16.528, 43.479

32, 23.384,
240.973

55, 20.514, 43.433

32, 23.708,
241.972

57, 24.515, 43.419

Harmonies

Complementary

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



41, 9.254, 226.025



38, 10.921, 43.539

Rectangle

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



41, 9.254, 226.025



41, 9.254, 276.025



41, 9.254, 46.025



41, 9.254, 96.025

Sweetspot

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



41, 9.254, 226.019



57, 3.581, 224.851



43, 18.070, 149.816



29, 2.558, 224.899



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 9.254, 226.019



52, 13.394, 226.550



37, 13.402, 279.741



21, 2.013, 224.879



35, 25.314, 242.460



71, 44.148, 245.336

Inverse Universe

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



37, 18.074, 333.712



46, 26.625, 334.111



42, 13.225, 92.966



21, 3.724, 332.527



25, 54.472, 340.167



55, 92.830, 341.066

Previews

White Background



This preview shows how the CIELCh color 41, 9.254, 226.025 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, 9.254, 226.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

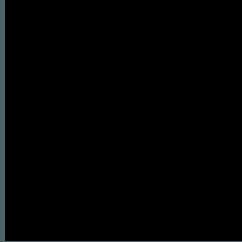
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

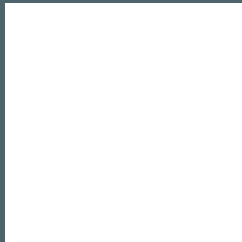
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 9.254, 226.025

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.254, 226.025.



This preview shows how white text looks on a background with the CIELCh color 41, 9.254, 226.025.

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, 9.254, 226.025

Protanopia

41, 4.860, 290.916

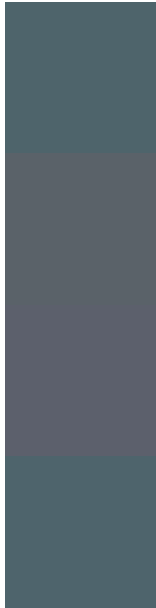
Deuteranopia

41, 9.469, 306.167



Tritanopia
41, 9.494, 229.500

Trichromacy



Original Color
41, 9.254, 226.025

Protanomaly
41, 5.240, 253.520

Deuteranomaly
41, 7.426, 279.043

Tritanomaly
41, 9.494, 229.500

Monochromacy



Original Color
41, 9.254, 226.025

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 3.683, 228.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.254, 226.025 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, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(78, 100, 107)  
}
```

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, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 100, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.254, 226.025 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, 100, 107) }
```

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

```
.border{ border-color:rgb(78, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(78, 100,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.254, 226.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 100, 107) }
```

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

```
.background{ background-color: rgb(78, 100,  
107) }
```

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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