

Converting Colors

CIELCh(41, 9.058, 263.855)

Have a look what the booklet for
CIELCh(41, 9.058, 263.855) contains.

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Color

CIELCh(41, 8.832, 262.805)

Conversions

Conversions Part 1

Format	Color
Hex	57626F
RGB	87, 98, 111
RGB Percent	34%, 38%, 44%
CMY	0.6595, 0.6164, 0.5654
CMYK	0.22, 0.12, 0.00, 0.57
HSL	212°, 12%, 39%
HSV	212°, 22%, 43%
XYZ	11.1252, 11.8645, 16.6912
YIQ	96.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

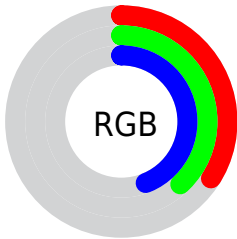
Format	Color
R_{YB}	87, 95, 111
Decimal	5726831
CIE Lab	41.00, -1.11, -8.76
CIE LCh	41, 8.832, 262.805
Yxy	11.8645, 0.2804, 0.2990
Android (android.graphics.Color)	4283916911 (0xFF57626F)
YUV	96.1930, 7.2999, -8.0623
Hunter-Lab	34.4449, -2.6255, -4.6191

Details

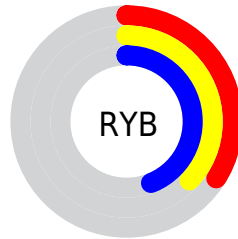
The CIELCh color **41, 8.832, 262.805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 9.194, 77.160**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.906, 261.690**, and **21, 8.516, 260.221** is the 20% darker color. If you saturate the color by 10%, you get **38, 12.882, 264.556**, and if you desaturate by 10%, it is **44, 4.760, 261.314**.

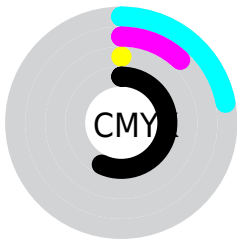
Distribution



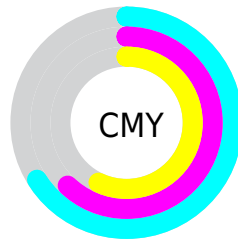
- Red (34%)
- Green (38%)
- Blue (44%)



- Red (34%)
- Yellow (37%)
- Blue (44%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (66%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.832, 262.805 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, 8.832, 262.805 by changing the saturation by 10% instead.

■ 41, 8.832, 262.805

■ 41, 8.832, 262.805

■ 100, 8.832,
262.805

■ 31, 8.832, 262.805

■ 61, 8.832, 262.805

■ 21, 8.832, 262.805

■ 71, 8.832, 262.805

■ 11, 8.832, 262.805

■ 81, 8.832, 262.805

■ 1, 8.832, 262.805

■ 91, 8.832, 262.805

■ 0, 8.832, 262.805

■ 41, 8.832, 262.805

■ 41, 8.832, 262.805

■ 38, 12.882,
264.556

■ 44, 4.760, 261.314

■ 36, 16.905,

■ 46, 0.679, 260.297

266.620

49, 3.403, 78.800

33, 20.898,
269.038

52, 7.477, 77.870

31, 24.869,
271.849

54, 11.532, 77.038

28, 28.838,
275.073

57, 15.564, 76.304

26, 32.839,
278.692

62, 23.531, 75.072

24, 36.915,
282.629

65, 27.459, 74.552

22, 40.442,
285.717

Harmonies

Complementary

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



41, 8.832, 262.805



43, 9.194, 77.160

Rectangle

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



41, 8.832, 262.805



41, 8.832, 312.805



41, 8.832, 82.805



41, 8.832, 132.805

Sweetspot

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



41, 8.831, 262.800



57, 3.022, 260.621



45, 11.841, 163.656



29, 1.990, 260.671



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, 8.831, 262.800



51, 13.043, 263.646



38, 14.808, 293.674



22, 2.323, 260.968



24, 43.139, 286.124



50, 78.056, 288.713

Inverse Universe

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



40, 12.140, 347.823



49, 18.024, 348.335



46, 14.122, 109.618



22, 3.140, 346.636



25, 48.361, 4.069



53, 82.498, 6.948

Previews

White Background



This preview shows how the CIELCh color 41, 8.832, 262.805 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 41, 8.832, 262.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

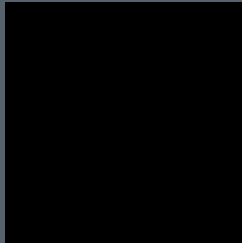
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

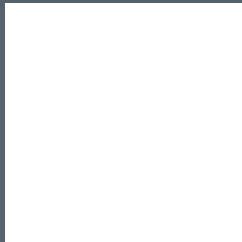
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 8.832, 262.805

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.832, 262.805.

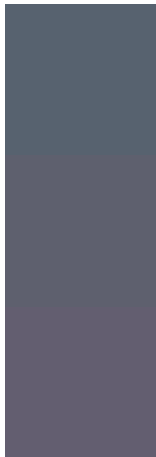


This preview shows how white text looks on a background with the CIELCh color 41, 8.832, 262.805.

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

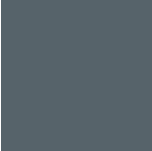
41, 8.832, 262.805

Protanopia

41, 8.522, 286.175

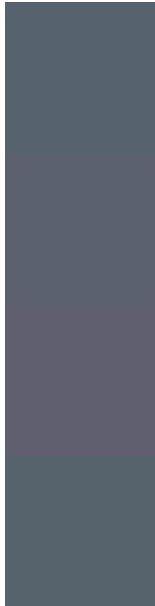
Deuteranopia

41, 11.158, 301.941



Tritanopia
41, 6.531, 239.664

Trichromacy



Original Color
41, 8.832, 262.805

Protanomaly
41, 8.171, 274.749

Deuteranomaly
41, 10.337, 291.726

Tritanomaly
41, 7.318, 247.437

Monochromacy



Original Color
41, 8.832, 262.805

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 2.898, 256.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.832, 262.805 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(87, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(87, 98, 111)  
}
```

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(87, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.832, 262.805 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(87, 98, 111) }
```

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

```
.border{ border-color:rgb(87, 98, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 98, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 111);  
box-shadow:4px 4px 4px 4px rgb(87, 98,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.832, 262.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 111) }
```

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

```
.background{ background-color: rgb(87, 98,  
111) }
```

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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