

Converting Colors

CIELCh(41, 8.435, 266.841)

Have a look what the booklet for
CIELCh(41, 8.435, 266.841) contains.

CIELCh(41, 8.537, 267.334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(41, 8.537, 267.334)

Conversions

Conversions Part 1

Format	Color
Hex	58616E
RGB	88, 97, 110
RGB Percent	35%, 38%, 43%
CMY	0.6532, 0.6178, 0.5668
CMYK	0.20, 0.12, 0.00, 0.57
HSL	215°, 11%, 39%
HSV	215°, 20%, 43%
XYZ	11.2223, 11.8645, 16.5817
YIQ	95.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

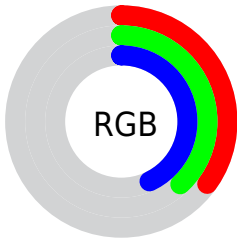
Format	Color
R_{YB}	88, 94, 110
Decimal	5792110
CIE Lab	41.00, -0.40, -8.53
CIE LCh	41, 8.537, 267.334
Yxy	11.8645, 0.2829, 0.2991
Android (android.graphics.Color)	4283982190 (0xFF58616E)
YUV	95.7910, 7.0050, -6.8327
Hunter-Lab	34.4449, -2.1226, -4.4305

Details

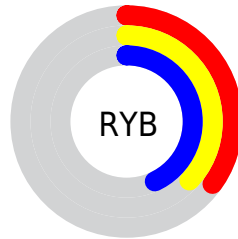
The CIELCh color **41, 8.537, 267.334** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 8.732, 82.145**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 8.607, 265.927**, and **21, 8.190, 265.033** is the 20% darker color. If you saturate the color by 10%, you get **38, 12.845, 269.028**, and if you desaturate by 10%, it is **44, 4.245, 265.885**.

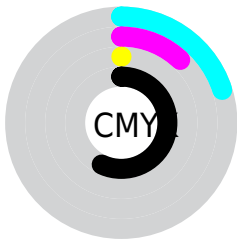
Distribution



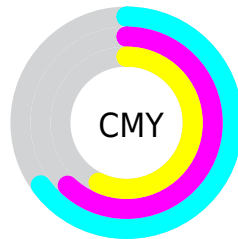
- Red (35%)
- Green (38%)
- Blue (43%)



- Red (35%)
- Yellow (37%)
- Blue (43%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (65%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.537, 267.334 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, 8.537, 267.334 by changing the saturation by 10% instead.

■ 41, 8.537, 267.334

■ 41, 8.537, 267.334

■ 100, 8.537,
267.334

■ 31, 8.537, 267.334

■ 61, 8.537, 267.334

■ 21, 8.537, 267.334

■ 71, 8.537, 267.334

■ 11, 8.537, 267.334

■ 81, 8.537, 267.334

■ 1, 8.537, 267.334

■ 91, 8.537, 267.334

■ 0, 8.537, 267.334

■ 41, 8.537, 267.334

■ 41, 8.537, 267.334

■ 38, 12.845,
269.028

■ 44, 4.245, 265.885

■ 35, 17.170,

■ 47, 0.025, 76.801

271.015

49, 4.265, 83.434

33, 21.511,
273.329

52, 8.472, 82.502

30, 25.881,
276.007

55, 12.639, 81.671

27, 30.298,
279.065

58, 16.762, 80.935

25, 34.792,
282.483

63, 24.865, 79.693

22, 39.392,
286.186

66, 28.840, 79.164

20, 44.141,
289.723

20, 44.175,
289.746

Harmonies

Complementary

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



41, 8.537, 267.334



43, 8.732, 82.145

Rectangle

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



41, 8.537, 267.334



41, 8.537, 317.334



41, 8.537, 87.334



41, 8.537, 137.334

Sweetspot

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



41, 8.536, 267.329



57, 3.165, 265.414



45, 10.487, 166.686



29, 2.085, 265.466



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, 8.536, 267.329



51, 12.702, 268.094



39, 13.570, 295.260



22, 2.435, 265.766



22, 47.265, 290.140



47, 85.657, 292.536

Inverse Universe

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



40, 10.806, 350.636



50, 16.148, 351.132



46, 12.998, 111.875



22, 3.044, 349.569



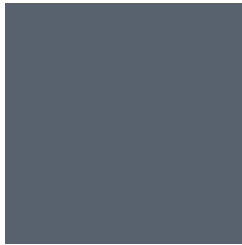
24, 48.341, 8.676



53, 82.899, 11.835

Previews

White Background



This preview shows how the CIELCh color 41, 8.537, 267.334 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, 8.537, 267.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

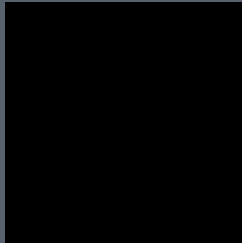
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

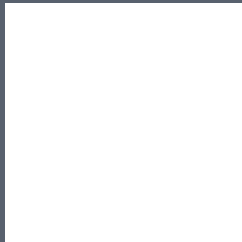
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 8.537, 267.334

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.537, 267.334.

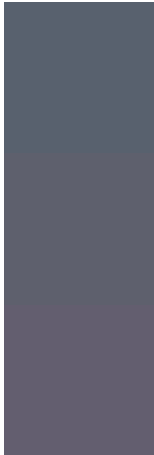


This preview shows how white text looks on a background with the CIELCh color 41, 8.537, 267.334.

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, 8.537, 267.334

Protanopia

41, 7.919, 285.659

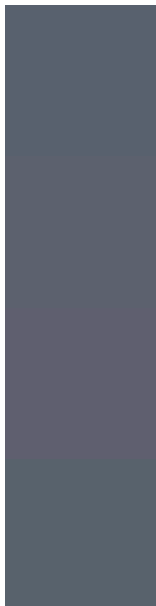
Deuteranopia

41, 10.562, 302.478



Tritanopia
41, 6.165, 251.283

Trichromacy



Original Color
41, 8.537, 267.334

Protanomaly
41, 8.079, 277.381

Deuteranomaly
41, 9.730, 291.637

Tritanomaly
41, 7.120, 257.888

Monochromacy



Original Color
41, 8.537, 267.334

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, 8.537, 267.334 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(88, 97, 110)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 110)  
}
```

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(88, 97, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.537, 267.334 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(88, 97, 110) }
```

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

```
.border{ border-color:rgb(88, 97, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 110);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.537, 267.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 110) }
```

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

```
.background{ background-color: rgb(88, 97,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor