

Converting Colors

CIELCh(41, 7.764, 333.049)

Have a look what the booklet for
CIELCh(41, 7.764, 333.049) contains.

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Color

CIELCh(41, 8.137, 332.343)

Conversions

Conversions Part 1

Format	Color
Hex	6A5D67
RGB	106, 93, 103
RGB Percent	42%, 36%, 40%
CMY	0.5844, 0.6354, 0.5962
CMYK	0.00, 0.12, 0.03, 0.58
HSL	314°, 7%, 39%
HSV	314°, 12%, 42%
XYZ	12.2987, 11.8645, 14.4659
YIQ	98.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

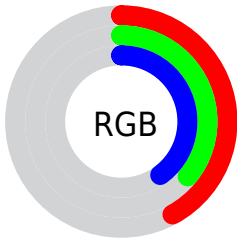
Format	Color
R_{YB}	106, 93, 103
Decimal	6970727
CIE Lab	41.00, 7.21, -3.78
CIE LCh	41, 8.137, 332.343
Yxy	11.8645, 0.3184, 0.3071
Android (android.graphics.Color)	4285160807 (0xFF6A5D67)
YUV	98.0270, 2.4517, 6.9923
Hunter-Lab	34.4449, 3.4555, -0.7887

Details

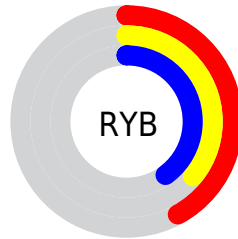
The CIELCh color $41, 8.137, 332.343$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 8.104, 150.873$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 8.245, 331.549$, and $21, 8.211, 333.483$ is the 20% darker color. If you saturate the color by 10%, you get $38, 14.833, 332.987$, and if you desaturate by 10%, it is $44, 1.494, 331.630$.

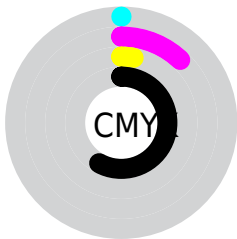
Distribution



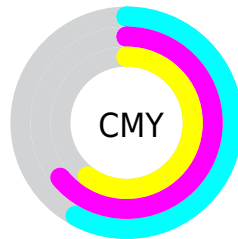
- Red (42%)
- Green (36%)
- Blue (40%)



- Red (42%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 8.137, 332.343 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, 8.137, 332.343 by changing the saturation by 10% instead.

■ 41, 8.137, 332.343

■ 41, 8.137, 332.343

■ 100, 8.137,
332.343

■ 31, 8.137, 332.343

■ 61, 8.137, 332.343

■ 21, 8.137, 332.343

■ 71, 8.137, 332.343

■ 11, 8.137, 332.343

■ 81, 8.137, 332.343

■ 1, 8.137, 332.343

■ 91, 8.137, 332.343

■ 0, 8.137, 332.343

■ 41, 8.137, 332.343

■ 41, 8.137, 332.343

■ 38, 14.833,
332.987

■ 44, 1.494, 331.630

■ 35, 21.490,

■ 47, 5.029, 151.225

333.650

50, 11.398,
150.652

32, 27.966,
334.339

54, 17.594,
150.122

30, 34.070,
335.061

57, 23.609,
149.622

28, 39.561,
335.824

60, 29.446,
149.149

26, 44.166,
336.643

63, 35.109,
148.703

24, 47.623,
337.544

67, 40.607,
148.281

23, 49.771,
338.558

70, 45.949,
147.883

23, 51.145,
339.355

Harmonies

Complementary

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



41, 8.137, 332.343



43, 8.104, 150.873

Rectangle

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



41, 8.137, 332.343



41, 8.137, 22.343



41, 8.137, 152.343



41, 8.137, 202.343

Sweetspot

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



41, 8.136, 332.344



56, 3.273, 331.800



40, 8.029, 299.443



28, 2.309, 331.844



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, 8.136, 332.344



52, 12.358, 332.545



41, 5.946, 358.192



21, 3.752, 332.133



25, 54.873, 339.514



55, 93.541, 340.356

Inverse Universe

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



41, 8.136, 332.344



52, 12.358, 332.545



44, 5.741, 176.108



21, 3.752, 332.133



25, 54.873, 339.514



55, 93.541, 340.356

Previews

White Background



This preview shows how the CIELCh color 41, 8.137, 332.343 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, 8.137, 332.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

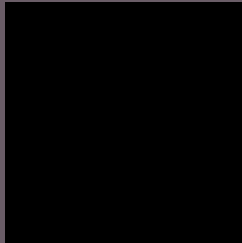
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 8.137, 332.343

Background



This preview shows how black text looks on a background with the CIELCh color 41, 8.137, 332.343.



This preview shows how white text looks on a background with the CIELCh color 41, 8.137, 332.343.

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, 8.137, 332.343

Protanopia

41, 5.467, 291.005

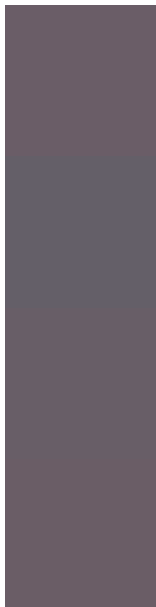
Deuteranopia

41, 6.635, 324.866



Tritanopia
41, 7.296, 338.756

Trichromacy



Original Color
41, 8.137, 332.343

Protanomaly
41, 5.863, 311.317

Deuteranomaly
41, 6.876, 327.767

Tritanomaly
41, 7.704, 335.369

Monochromacy



Original Color
41, 8.137, 332.343

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 3.212, 330.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 8.137, 332.343 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(106, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(106, 93, 103)  
}
```

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(106, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 93, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 8.137, 332.343 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(106, 93, 103) }
```

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

```
.border{ border-color:rgb(106, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 93, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 93, 103); box-shadow:4px 4px 4px 4px rgb(106, 93, 103) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 8.137, 332.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 93, 103) }
```

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

```
.background{ background-color: rgb(106, 93,  
103) }
```

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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