

Converting Colors

CIELCh(41, 5.430, 313.941)

Have a look what the booklet for
CIELCh(41, 5.430, 313.941) contains.

CIELCh(41, 5.300, 313.595)	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, 5.300, 313.595)

Conversions

Conversions Part 1

Format	Color
Hex	645F67
RGB	100, 95, 103
RGB Percent	39%, 37%, 40%
CMY	0.6080, 0.6276, 0.5962
CMYK	0.03, 0.08, 0.00, 0.60
HSL	277°, 4%, 39%
HSV	277°, 8%, 40%
XYZ	11.7876, 11.8645, 14.4920
YIQ	97.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

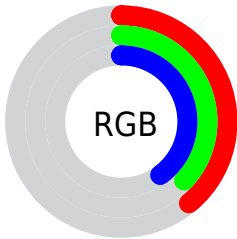
Format	Color
R_{YB}	100, 95, 103
Decimal	6578023
CIE _{Lab}	41.00, 3.65, -3.84
CIE _{LCh}	41, 5.300, 313.595
Yxy	11.8645, 0.3090, 0.3110
Android (android.graphics.Color)	4284768103 (0xFF645F67)
YUV	97.4070, 2.7573, 2.2741
Hunter-Lab	34.4449, 0.8071, -0.8337

Details

The CIELCh color **41, 5.300, 313.595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 5.253, 133.025**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 5.595, 314.879**, and **21, 5.096, 311.967** is the 20% darker color. If you saturate the color by 10%, you get **38, 12.252, 314.010**, and if you desaturate by 10%, it is **44, 1.496, 133.293**.

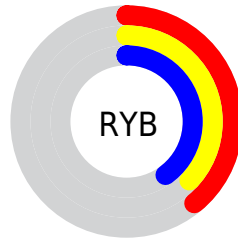
Distribution



Red (39%)

Green (37%)

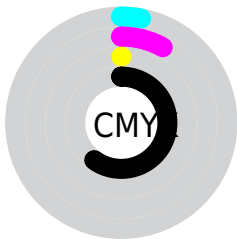
Blue (40%)



Red (39%)

Yellow (37%)

Blue (40%)

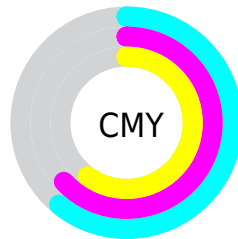


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (60%)



Cyan (61%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.300, 313.595 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, 5.300, 313.595 by changing the saturation by 10% instead.

■ 41, 5.300, 313.595

■ 41, 5.300, 313.595

■ 100, 5.300,
313.595

■ 31, 5.300, 313.595

■ 61, 5.300, 313.595

■ 21, 5.300, 313.595

■ 71, 5.300, 313.595

■ 11, 5.300, 313.595

■ 81, 5.300, 313.595

■ 1, 5.300, 313.595

■ 91, 5.300, 313.595

■ 0, 5.300, 313.595

■ 41, 5.300, 313.595

■ 41, 5.300, 313.595

■ 38, 12.252,
314.010

■ 44, 1.496, 133.293

■ 34, 19.329,

■ 48, 8.116, 132.885

314.435

51, 14.554,
132.554

31, 26.469,
314.862

54, 20.810,
132.257

28, 33.571,
315.269

58, 26.888,
131.990

25, 40.480,
315.629

61, 32.794,
131.752

22, 46.967,
315.896

64, 38.537,
131.540

20, 52.726,
316.017

68, 44.124,
131.353

18, 57.398,
315.923

71, 49.565,
131.187

16, 61.245,
315.702

Harmonies

Complementary

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



41, 5.300, 313.595



43, 5.253, 133.025

Rectangle

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



41, 5.300, 313.595



41, 5.300, 3.595



41, 5.300, 133.595



41, 5.300, 183.595

Sweetspot

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



41, 5.299, 313.593



55, 1.673, 313.319



41, 3.215, 267.923



28, 0.943, 313.305



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 5.299, 313.593



52, 7.569, 313.654



41, 5.439, 328.175



19, 3.805, 313.640



18, 67.191, 315.553



43, 117.042, 314.925

Inverse Universe

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



41, 3.830, 351.566



52, 5.475, 351.710



43, 5.426, 147.374



19, 2.752, 351.678



23, 47.034, 11.587



51, 82.261, 15.101

Previews

White Background



This preview shows how the CIELCh color 41, 5.300, 313.595 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, 5.300, 313.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

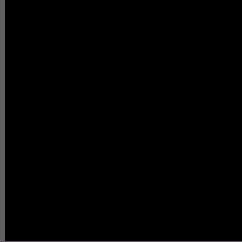
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 5.300, 313.595

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.300, 313.595.



This preview shows how white text looks on a background with the CIELCh color 41, 5.300, 313.595.

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, 5.300, 313.595

Protanopia

41, 4.860, 290.916

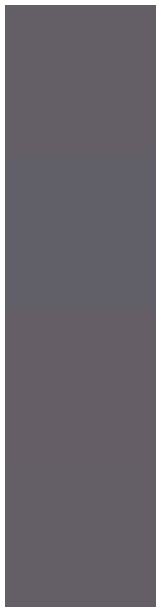
Deuteranopia

41, 6.635, 324.866



Tritanopia
41, 5.300, 313.595

Trichromacy



Original Color

41, 5.300, 313.595

Protanomaly

41, 4.883, 295.669

Deuteranomaly

41, 6.413, 321.770

Tritanomaly

41, 5.300, 313.595

Monochromacy



Original Color

41, 5.300, 313.595

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 2.014, 314.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.300, 313.595 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(100, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 95, 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(100, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 95, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.300, 313.595 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(100, 95, 103) }
```

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

```
.border{ border-color:rgb(100, 95, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 95, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 95,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.300, 313.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 95, 103) }
```

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

```
.background{ background-color: rgb(100, 95,  
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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