

Converting Colors

CIELCh(41, 13.439, 313.764)

Have a look what the booklet for
CIELCh(41, 13.439, 313.764)
contains.

CIELCh(41, 13.831, 313.860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 13.831, 313.860)

Conversions

Conversions Part 1

Format	Color
Hex	695C71
RGB	105, 92, 113
RGB Percent	41%, 36%, 44%
CMY	0.5880, 0.6390, 0.5566
CMYK	0.07, 0.19, 0.00, 0.56
HSL	277°, 10%, 40%
HSV	277°, 19%, 44%
XYZ	12.6486, 11.8645, 17.2638
YIQ	98.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

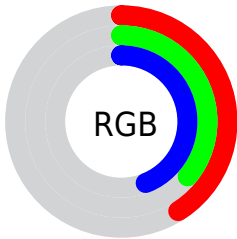
Format	Color
R_{YB}	105, 92, 113
Decimal	6904945
CIE Lab	41.00, 9.58, -9.97
CIE LCh	41, 13.831, 313.860
Yxy	11.8645, 0.3028, 0.2840
Android (android.graphics.Color)	4285095025 (0xFF695C71)
YUV	98.2810, 7.2565, 5.8926
Hunter-Lab	34.4449, 5.2690, -5.6047

Details

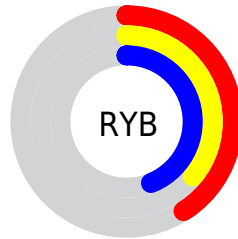
The CIELCh color $41, 13.831, 313.860$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 13.588, 132.352$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 14.047, 313.343$, and $21, 13.907, 314.631$ is the 20% darker color. If you saturate the color by 10%, you get $37, 21.477, 314.292$, and if you desaturate by 10%, it is $45, 6.315, 313.436$.

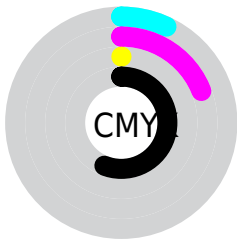
Distribution



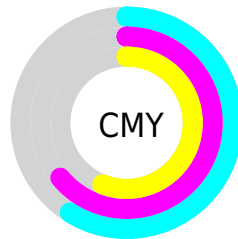
- Red (41%)
- Green (36%)
- Blue (44%)



- Red (41%)
- Yellow (36%)
- Blue (44%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (56%)





- Cyan (59%)
- Magenta (64%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 13.831, 313.860 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, 13.831, 313.860 by changing the saturation by 10% instead.


 41, 13.831,
313.860


 41, 13.831,
313.860


 100, 13.831,
313.860


 31, 13.831,
313.860

 61, 13.831,
313.860


 21, 13.831,
313.860

 71, 13.831,
313.860


 11, 13.831,
313.860


 81, 13.831,
313.860

 1, 13.831, 313.860

 91, 13.831,
313.860

 0, 13.831, 313.860

 41, 13.831,

 41, 13.831,

313.860

313.860

37, 21.477,
314.292

45, 6.315, 313.436

34, 29.186,
314.724

48, 1.029, 133.163

52, 8.181, 132.714

31, 36.842,
315.136

55, 15.135,
132.378

28, 44.265,
315.493

59, 21.889,
132.077

25, 51.191,
315.750

63, 28.450,
131.807

22, 57.270,
315.847

66, 34.823,
131.566

20, 62.102,
315.711

70, 41.017,
131.353

18, 65.966,
315.429

73, 47.042,

■ 18, 66.552,
315.405

131.164

Harmonies

Complementary

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



41, 13.831, 313.860



46, 13.588, 132.352

Rectangle

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



41, 13.831, 313.860



41, 13.831, 3.860



41, 13.831, 133.860



41, 13.831, 183.860

Sweetspot

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



41, 13.830, 313.859



59, 5.492, 313.333



42, 8.337, 269.442



30, 3.621, 313.353



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 13.830, 313.859



51, 20.496, 314.032



42, 14.121, 328.805



22, 4.117, 313.454



19, 69.414, 315.339



44, 119.060, 314.744

Inverse Universe

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



41, 10.090, 352.276



52, 14.971, 352.703



46, 14.094, 146.635



22, 2.993, 351.319



24, 48.494, 11.306



53, 83.442, 14.594

Previews

White Background



This preview shows how the CIELCh color 41, 13.831, 313.860 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, 13.831, 313.860 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, 13.831, 313.860

Background



This preview shows how black text looks on a background with the CIELCh color 41, 13.831, 313.860.



This preview shows how white text looks on a background with the CIELCh color 41, 13.831, 313.860.

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

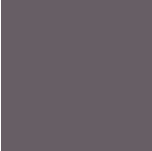
41, 13.831, 313.860

Protanopia

41, 12.167, 286.593

Deuteranopia

41, 11.755, 301.467



Tritanopia
41, 5.684, 331.801

Trichromacy



Original Color
41, 13.831, 313.860

Protanomaly
41, 12.192, 295.612

Deuteranomaly
41, 12.620, 306.383

Tritanomaly
41, 8.608, 322.695

Monochromacy



Original Color
41, 13.831, 313.860

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 4.740, 316.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 13.831, 313.860 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(105, 92, 113)` looks like.

```
.text, #text, p{  
    color:rgb(105, 92, 113)  
}
```

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(105, 92, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 92, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 13.831, 313.860 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(105, 92, 113) }
```

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

```
.border{ border-color:rgb(105, 92, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 92, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 92, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 92, 113);  
box-shadow:4px 4px 4px 4px rgb(105, 92,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 13.831, 313.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 92, 113) }
```

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

```
.background{ background-color: rgb(105, 92,  
113) }
```

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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