

Converting Colors

CIELCh(41, 18.577, 311.676)

Have a look what the booklet for
CIELCh(41, 18.577, 311.676)
contains.

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Color

CIELCh(41, 18.063, 311.326)

Conversions

Conversions Part 1

Format	Color
Hex	6A5B77
RGB	106, 91, 119
RGB Percent	42%, 36%, 47%
CMY	0.5845, 0.6433, 0.5336
CMYK	0.11, 0.24, 0.00, 0.53
HSL	272°, 13%, 41%
HSV	272°, 24%, 47%
XYZ	13.0003, 11.8645, 19.0400
YIQ	98.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

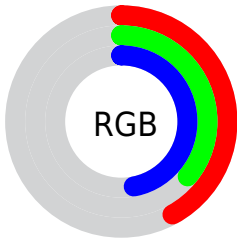
Format	Color
R_{YB}	106, 91, 119
Decimal	6970231
CIE _{Lab}	41.00, 11.93, -13.56
CIE _{LCh}	41, 18.063, 311.326
Yxy	11.8645, 0.2961, 0.2702
Android (android.graphics.Color)	4285160311 (0xFF6A5B77)
YUV	98.6770, 10.0192, 6.4223
Hunter-Lab	34.4449, 7.0914, -8.6621

Details

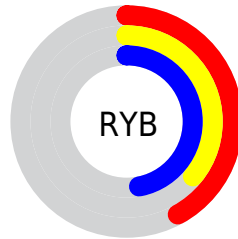
The CIELCh color $41, 18.063, 311.326$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 17.559, 129.298$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 18.114, 312.112$, and $21, 18.450, 310.669$ is the 20% darker color. If you saturate the color by 10%, you get $37, 26.009, 311.806$, and if you desaturate by 10%, it is $45, 10.261, 310.865$.

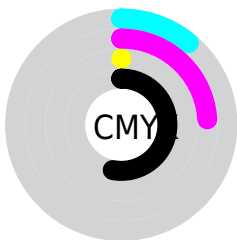
Distribution



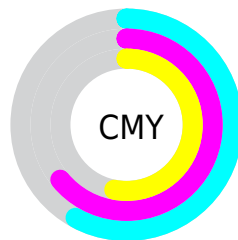
- Red (42%)
- Green (36%)
- Blue (47%)



- Red (42%)
- Yellow (36%)
- Blue (47%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 18.063, 311.326 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, 18.063, 311.326 by changing the saturation by 10% instead.

■ 41, 18.063,
311.326

■ 41, 18.063,
311.326

■ 100, 18.063,
311.326

■ 31, 18.063,
311.326

■ 61, 18.063,
311.326

■ 21, 18.063,
311.326

■ 71, 18.063,
311.326

■ 11, 18.063,
311.326

■ 81, 18.063,
311.326

■ 1, 18.063, 311.326

■ 91, 18.063,
311.326

■ 0, 18.063, 311.326

■ 41, 18.063,

■ 41, 18.063,

311.326

37, 26.009,
311.806

34, 34.025,
312.292

30, 41.979,
312.756

27, 49.655,
313.156

24, 56.734,
313.431

21, 62.786,
313.501

19, 67.383,
313.286

18, 70.204,
313.173

311.326

45, 10.261,
310.865

49, 2.649, 310.414

52, 4.756, 130.077

56, 11.946,
129.714

60, 18.924,
129.396

64, 25.695,
129.115

68, 32.268,
128.868

72, 38.653,
128.650

■ 75, 44.858,
128.461

Harmonies

Complementary

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



41, 18.063, 311.326



48, 17.559, 129.298

Rectangle

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



41, 18.063, 311.326



41, 18.063, 1.326



41, 18.063, 131.326



41, 18.063, 181.326

Sweetspot

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



41, 18.062, 311.325



61, 6.557, 310.582



43, 10.086, 262.290



31, 4.296, 310.601



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 18.062, 311.325



51, 26.920, 311.573



42, 19.767, 326.582



23, 4.194, 310.664



18, 71.680, 313.140



41, 122.176, 312.529

Inverse Universe

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



42, 14.063, 347.683



52, 20.919, 348.224



47, 19.753, 143.861



23, 3.272, 346.305



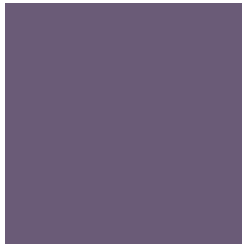
25, 49.118, 3.632



54, 83.141, 6.394

Previews

White Background



This preview shows how the CIELCh color 41, 18.063, 311.326 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, 18.063, 311.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

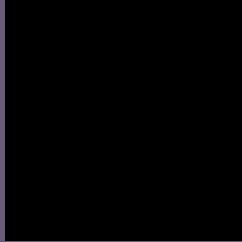
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 18.063, 311.326

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.063, 311.326.



This preview shows how white text looks on a background with the CIELCh color 41, 18.063, 311.326.

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, 18.063, 311.326

Protanopia

41, 15.870, 284.519

Deuteranopia

41, 13.975, 292.248



Tritanopia
41, 6.148, 328.058

Trichromacy



Original Color
41, 18.063, 311.326

Protanomaly
41, 16.451, 295.211

Deuteranomaly
41, 14.750, 299.778

Tritanomaly
41, 10.190, 317.324

Monochromacy



Original Color
41, 18.063, 311.326

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.564, 312.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.063, 311.326 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, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(106, 91, 119)  
}
```

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, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 91, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.063, 311.326 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, 91, 119) }
```

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

```
.border{ border-color:rgb(106, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(106, 91,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.063, 311.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 91, 119) }
```

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

```
.background{ background-color: rgb(106, 91,  
119) }
```

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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