

Converting Colors

CIELCh(41, 18.271, 309.422)

Have a look what the booklet for
CIELCh(41, 18.271, 309.422)
contains.

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Color

CIELCh(41, 18.520, 309.579)

Conversions

Conversions Part 1

Format	Color
Hex	695B78
RGB	105, 91, 120
RGB Percent	41%, 36%, 47%
CMY	0.5879, 0.6428, 0.5290
CMYK	0.12, 0.24, 0.00, 0.53
HSL	269°, 14%, 41%
HSV	269°, 24%, 47%
XYZ	12.9810, 11.8645, 19.4047
YIQ	98.4920, -0.9650, 11.9870

Conversions

Conversions Part 2

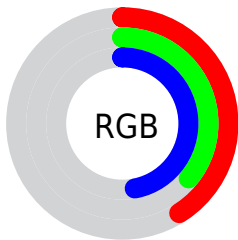
Format	Color
R_{YB}	105, 91, 120
Decimal	6904696
CIE _{Lab}	41.00, 11.80, -14.27
CIE _{LCh}	41, 18.520, 309.579
Yxy	11.8645, 0.2934, 0.2681
Android (android.graphics.Color)	4285094776 (0xFF695B78)
YUV	98.4920, 10.6034, 5.7075
Hunter-Lab	34.4449, 6.9911, -9.2899

Details

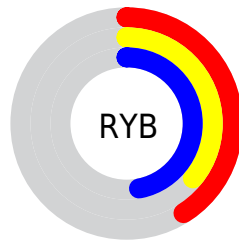
The CIELCh color $41, 18.520, 309.579$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49, 17.920, 127.396$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 18.410, 309.338$, and $21, 18.349, 309.403$ is the 20% darker color. If you saturate the color by 10%, you get $37, 26.500, 310.102$, and if you desaturate by 10%, it is $45, 10.707, 309.084$.

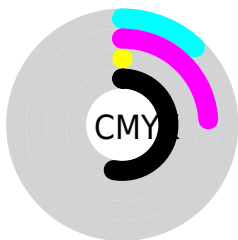
Distribution



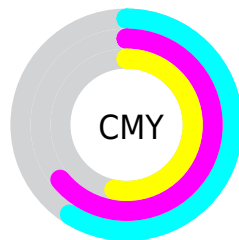
- Red (41%)
- Green (36%)
- Blue (47%)



- Red (41%)
- Yellow (36%)
- Blue (47%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)





- Cyan (59%)
- Magenta (64%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 18.520, 309.579 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, 18.520, 309.579 by changing the saturation by 10% instead.


 41, 18.520,
309.579


 41, 18.520,
309.579


 100, 18.520,
309.579


 31, 18.520,
309.579

 61, 18.520,
309.579


 21, 18.520,
309.579

 71, 18.520,
309.579


 11, 18.520,
309.579


 81, 18.520,
309.579

 1, 18.520, 309.579

 91, 18.520,
309.579

 0, 18.520, 309.579

 41, 18.520,

 41, 18.520,

309.579

309.579

37, 26.500,
310.102

45, 10.707,
309.084

33, 34.581,
310.642

49, 3.099, 308.615

30, 42.638,
311.170

53, 4.289, 128.249

26, 50.461,
311.642

57, 11.457,
127.871

23, 57.722,
311.994

61, 18.406,
127.544

20, 63.966,
312.133


64, 25.146,
127.256

18, 68.752,
311.979

68, 31.686,
127.005

17, 71.475,
311.936

72, 38.035,
126.785

 76, 44.205,
126.595

Harmonies

Complementary

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



41, 18.520, 309.579



49, 17.920, 127.396

Rectangle

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



41, 18.520, 309.579



41, 18.520, 359.579



41, 18.520, 129.579



41, 18.520, 179.579

Sweetspot

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



41, 18.519, 309.578



61, 6.485, 308.757



44, 9.807, 255.035



31, 4.249, 308.777



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, 18.519, 309.578



50, 27.673, 309.867



42, 20.710, 324.751



24, 4.299, 308.846



18, 73.571, 311.890



40, 124.562, 311.296

Inverse Universe

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



42, 15.035, 344.747



52, 22.375, 345.293



48, 20.671, 142.108



24, 3.513, 343.396



26, 50.311, 358.900



54, 84.219, 1.249

Previews

White Background



This preview shows how the CIELCh color 41, 18.520, 309.579 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, 18.520, 309.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

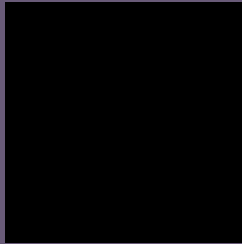
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 18.520, 309.579

Background



This preview shows how black text looks on a background with the CIELCh color 41, 18.520, 309.579.



This preview shows how white text looks on a background with the CIELCh color 41, 18.520, 309.579.

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

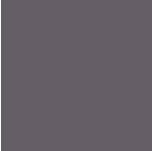
41, 18.520, 309.579

Protanopia

41, 16.467, 284.931

Deuteranopia

41, 14.580, 292.334



Tritanopia
41, 5.905, 324.817

Trichromacy



Original Color
41, 18.520, 309.579

Protanomaly
41, 17.039, 293.942

Deuteranomaly
41, 15.350, 299.539

Tritanomaly
41, 10.575, 313.887

Monochromacy



Original Color
41, 18.520, 309.579

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.998, 307.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 18.520, 309.579 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, 91, 120)` looks like.

```
.text, #text, p{  
    color:rgb(105, 91, 120)  
}
```

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, 91, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 91, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 18.520, 309.579 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, 91, 120) }
```

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

```
.border{ border-color:rgb(105, 91, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 91, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 91, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 91, 120);  
box-shadow:4px 4px 4px 4px rgb(105, 91,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 18.520, 309.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 91, 120) }
```

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

```
.background{ background-color: rgb(105, 91,  
120) }
```

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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