

Converting Colors

CIELCh(41, 19.779, 288.474)

Have a look what the booklet for
CIELCh(41, 19.779, 288.474)
contains.

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Color

CIELCh(41, 19.463, 287.746)

Conversions

Conversions Part 1

Format	Color
Hex	5A5F7F
RGB	90, 95, 127
RGB Percent	35%, 37%, 50%
CMY	0.6475, 0.6278, 0.5024
CMYK	0.29, 0.25, 0.00, 0.50
HSL	232°, 17%, 43%
HSV	232°, 29%, 50%
XYZ	12.1136, 11.8645, 21.6941
YIQ	97.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

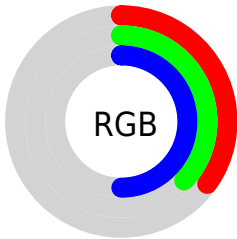
Format	Color
R_YB	90, 94, 127
Decimal	5922687
CIE Lab	41.00, 5.93, -18.54
CIE LCh	41, 19.463, 287.746
Yxy	11.8645, 0.2652, 0.2598
Android (android.graphics.Color)	4284112767 (0xFF5A5F7F)
YUV	97.1530, 14.7146, -6.2732
Hunter-Lab	34.4449, 2.4964, -13.2305




Details

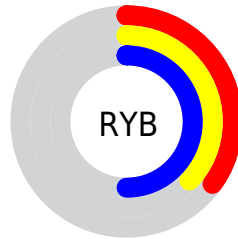
The CIELCh color $41, 19.463, 287.746$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $51, 18.590, 100.962$, and the grayscale version is $41, 0.006, 296.813$.




A 20% lighter version of the original color is $61, 19.741, 288.308$, and $21, 19.633, 288.208$ is the 20% darker color. If you saturate the color by 10%, you get $37, 26.598, 289.442$, and if you desaturate by 10%, it is $45, 12.575, 286.287$.

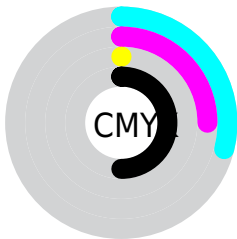
Distribution







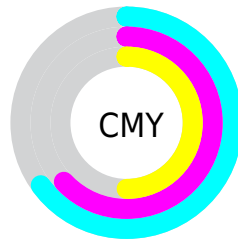
-  Red (35%)
-  Green (37%)
-  Blue (50%)






-  Red (35%)
-  Yellow (37%)
-  Blue (50%)



-  Cyan (29%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (50%)





-  Cyan (65%)
-  Magenta (63%)
-  Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.463, 287.746 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, 19.463, 287.746 by changing the saturation by 10% instead.


 41, 19.463,
287.746


 41, 19.463,
287.746


 100, 19.463,
287.746


 31, 19.463,
287.746

 61, 19.463,
287.746


 21, 19.463,
287.746

 71, 19.463,
287.746


 11, 19.463,
287.746


 81, 19.463,
287.746

 1, 19.463, 287.746

 91, 19.463,
287.746

 0, 19.463, 287.746

 41, 19.463,

 41, 19.463,

287.746

■ 37, 26.598,
289.442

■ 33, 34.001,
291.403

■ 29, 41.674,
293.634

■ 25, 49.575,
296.102

■ 21, 57.547,
298.709

■ 18, 65.211,
301.271

■ 15, 71.949,
303.421

■ 15, 72.460,
303.565

287.746

■ 45, 12.575,
286.287

■ 49, 5.916, 285.041

■ 54, 0.531, 103.781

■ 58, 6.781, 103.003

■ 62, 12.845,
102.202

■ 66, 18.736,
101.501

■ 70, 24.461,
100.885

■ 74, 30.030,
100.342

■ 78, 35.449, 99.862

Harmonies

Complementary

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



41, 19.463, 287.746



51, 18.590, 100.962

Rectangle

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



41, 19.463, 287.746



41, 19.463, 337.746



41, 19.463, 107.746



41, 19.463, 157.746

Sweetspot

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



41, 19.462, 287.745



63, 7.237, 285.048



50, 14.296, 184.732



33, 5.078, 285.193



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 19.462, 287.745



50, 29.407, 288.851



41, 23.118, 305.378



25, 3.656, 285.035



15, 72.735, 303.576



0, 0.000, 0.000

Inverse Universe

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



42, 16.321, 11.243



52, 24.779, 12.189



51, 21.949, 122.158



25, 2.994, 9.001



26, 57.016, 32.174



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 41, 19.463, 287.746 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, 19.463, 287.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

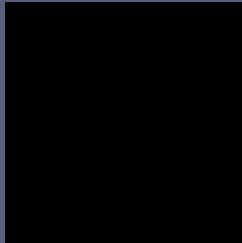
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 19.463, 287.746

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.463, 287.746.

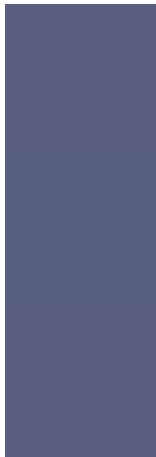


This preview shows how white text looks on a background with the CIELCh color 41, 19.463, 287.746.

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, 19.463, 287.746

Protanopia

41, 19.523, 285.698

Deuteranopia

41, 19.463, 287.746



Tritanopia
41, 6.909, 243.767

Trichromacy



Original Color
41, 19.463, 287.746

Protanomaly
41, 19.490, 286.718

Deuteranomaly
41, 19.463, 287.746

Tritanomaly
41, 10.438, 268.100

Monochromacy



Original Color
41, 19.463, 287.746

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.316, 285.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.463, 287.746 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(90, 95, 127)` looks like.

```
.text, #text, p{  
    color:rgb(90, 95, 127)  
}
```

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(90, 95, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 95, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.463, 287.746 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(90, 95, 127) }
```

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

```
.border{ border-color:rgb(90, 95, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 95, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 95, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 95, 127);  
box-shadow:4px 4px 4px 4px rgb(90, 95,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.463, 287.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 95, 127) }
```

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

```
.background{ background-color: rgb(90, 95,  
127) }
```

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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