

Converting Colors

CIELCh(41, 19.462, 291.958)

Have a look what the booklet for
CIELCh(41, 19.462, 291.958)
contains.

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Color

CIELCh(41, 19.447, 291.969)

Conversions

Conversions Part 1

Format	Color
Hex	5D5E7E
RGB	93, 94, 126
RGB Percent	36%, 37%, 49%
CMY	0.6349, 0.6310, 0.5055
CMYK	0.26, 0.25, 0.00, 0.51
HSL	238°, 15%, 43%
HSV	238°, 26%, 49%
XYZ	12.3086, 11.8645, 21.4156
YIQ	97.3490, -10.8680, 9.7400

Conversions

Conversions Part 2

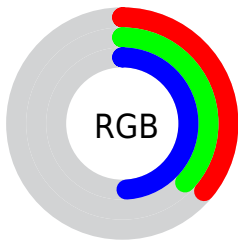
Format	Color
R_{YB}	93, 94, 126
Decimal	6119038
CIE Lab	41.00, 7.28, -18.03
CIE LCh	41, 19.447, 291.969
Yxy	11.8645, 0.2700, 0.2603
Android (android.graphics.Color)	4284309118 (0xFF5D5E7E)
YUV	97.3490, 14.1249, -3.8141
Hunter-Lab	34.4449, 3.5069, -12.7511

Details

The CIELCh color $41, 19.447, 291.969$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 18.392, 106.455$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 19.741, 292.347$, and $21, 19.615, 292.383$ is the 20% darker color. If you saturate the color by 10%, you get $36, 27.418, 293.485$, and if you desaturate by 10%, it is $46, 11.786, 290.669$.

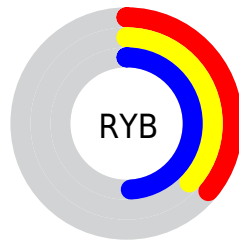
Distribution



Red (36%)

Green (37%)

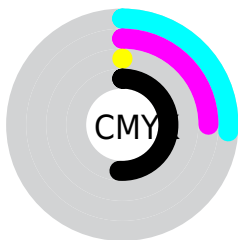
Blue (49%)



Red (36%)

Yellow (37%)

Blue (49%)

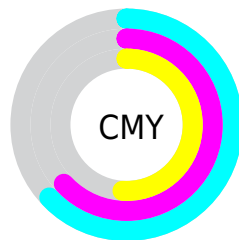


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (51%)



Cyan (63%)


Magenta (63%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 19.447, 291.969 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, 19.447, 291.969 by changing the saturation by 10% instead.


 41, 19.447,
291.969


 41, 19.447,
291.969


 100, 19.447,
291.969


 31, 19.447,
291.969

 61, 19.447,
291.969


 21, 19.447,
291.969

 71, 19.447,
291.969


 11, 19.447,
291.969


 81, 19.447,
291.969

 1, 19.447, 291.969

 91, 19.447,
291.969

 0, 19.447, 291.969

 41, 19.447,

 41, 19.447,

291.969

■ 36, 27.418,
293.485

■ 32, 35.713,
295.239

■ 28, 44.310,
297.226

■ 23, 53.095,
299.397

■ 20, 61.754,
301.622

■ 16, 69.615,
303.670

■ 14, 75.680,
305.219

■ 13, 77.777,
305.714

291.969

■ 46, 11.786,
290.669

■ 50, 4.418, 289.564

■ 55, 2.681, 108.581

■ 59, 9.529, 107.781

■ 63, 16.146,
107.082

■ 68, 22.545,
106.478

■ 72, 28.740,
105.952

■ 76, 34.745,
105.494

■ 81, 40.571,

Harmonies

Complementary

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



41, 19.447, 291.969



52, 18.392, 106.455

Rectangle

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



41, 19.447, 291.969



41, 19.447, 341.969



41, 19.447, 111.969



41, 19.447, 161.969

Sweetspot

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



41, 19.446, 291.968



63, 7.096, 289.772



50, 12.320, 195.122



32, 5.029, 289.909



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 19.446, 291.968



50, 28.757, 292.782



42, 20.892, 309.147



24, 4.092, 289.869



13, 78.416, 305.721



0, 0.000, 0.000

Inverse Universe

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



43, 14.430, 19.008



53, 21.505, 19.660



51, 20.128, 126.712



25, 2.951, 17.420



25, 60.209, 37.150



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 19.447, 291.969 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, 19.447, 291.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

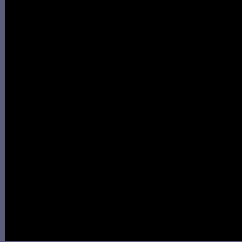
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 19.447, 291.969

Background



This preview shows how black text looks on a background with the CIELCh color 41, 19.447, 291.969.



This preview shows how white text looks on a background with the CIELCh color 41, 19.447, 291.969.

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, 19.447, 291.969

Protanopia

41, 19.523, 285.698

Deuteranopia

41, 18.863, 287.468



Tritanopia
41, 5.937, 254.214

Trichromacy



Original Color
41, 19.447, 291.969

Protanomaly
41, 19.463, 287.746

Deuteranomaly
41, 18.840, 288.544

Tritanomaly
41, 10.002, 276.069

Monochromacy



Original Color
41, 19.447, 291.969

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.287, 291.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 19.447, 291.969 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(93, 94, 126)` looks like.

```
.text, #text, p{  
    color:rgb(93, 94, 126)  
}
```

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(93, 94, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 94, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 19.447, 291.969 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(93, 94, 126) }
```

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

```
.border{ border-color:rgb(93, 94, 126) }
```

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

Here you see how a box with a 4 pixel rgb(93, 94, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 94, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 94, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 94,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 19.447, 291.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 94, 126) }
```

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

```
.background{ background-color: rgb(93, 94,  
126) }
```

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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