

Converting Colors

CIELCh(41, 27.057, 291.022)

Have a look what the booklet for
CIELCh(41, 27.057, 291.022)
contains.

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Color

CIELCh(41, 27.334, 291.311)

Conversions

Conversions Part 1

Format	Color
Hex	595D8A
RGB	89, 93, 138
RGB Percent	35%, 36%, 54%
CMY	0.6498, 0.6341, 0.4576
CMYK	0.35, 0.33, 0.00, 0.46
HSL	235°, 22%, 45%
HSV	235°, 35%, 54%
XYZ	12.7008, 11.8645, 25.7875
YIQ	96.9340, -16.8290, 13.1470

Conversions

Conversions Part 2

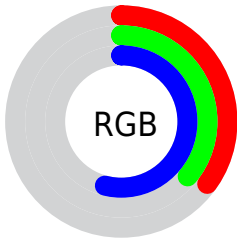
Format	Color
R_{YB}	89, 93, 138
Decimal	5856650
CIE Lab	41.00, 9.93, -25.46
CIE LCh	41, 27.334, 291.311
Yxy	11.8645, 0.2522, 0.2356
Android (android.graphics.Color)	4284046730 (0xFF595D8A)
YUV	96.9340, 20.2455, -6.9581
Hunter-Lab	34.4449, 5.5393, -20.2765

Details

The CIELCh color **41, 27.334, 291.311** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **55, 25.466, 103.106**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 27.623, 291.798**, and **21, 27.705, 291.565** is the 20% darker color. If you saturate the color by 10%, you get **36, 35.736, 293.130**, and if you desaturate by 10%, it is **46, 19.251, 289.743**.

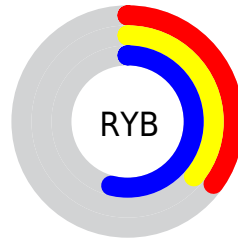
Distribution



Red (35%)

Green (36%)

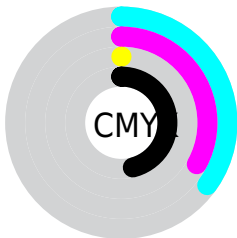
Blue (54%)



Red (35%)

Yellow (36%)

Blue (54%)

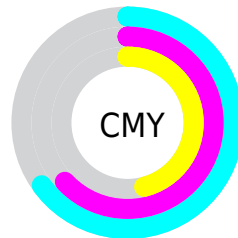


Cyan (35%)

Magenta (33%)

Yellow (0%)

Black (46%)



Cyan (65%)


Magenta (63%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 27.334, 291.311 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, 27.334, 291.311 by changing the saturation by 10% instead.


 41, 27.334,
291.311


 41, 27.334,
291.311


 100, 27.334,
291.311


 31, 27.334,
291.311

 61, 27.334,
291.311


 21, 27.334,
291.311

 71, 27.334,
291.311

 11, 27.334,
291.311

 81, 27.334,
291.311

 1, 27.334, 291.311

 91, 27.334,
291.311

 0, 27.334, 291.311

 41, 27.334,

 41, 27.334,

291.311

■ 36, 35.736,
293.130

■ 32, 44.460,
295.206

■ 27, 53.439,
297.508

■ 23, 62.459,
299.934

■ 20, 71.010,
302.287

■ 17, 78.200,
304.272

■ 16, 80.800,
304.908

291.311

■ 46, 19.251,
289.743

■ 50, 11.472,
288.400

■ 55, 3.972, 287.262

■ 60, 3.270, 106.235

■ 64, 10.271,
105.402

■ 69, 17.048,
104.673

■ 73, 23.614,
104.038

■ 78, 29.983,
103.484

■ 82, 36.165,
102.998

Harmonies

Complementary

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



41, 27.334, 291.311



55, 25.466, 103.106

Rectangle

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



41, 27.334, 291.311



41, 27.334, 341.311



41, 27.334, 111.311



41, 27.334, 161.311

Sweetspot

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



41, 27.333, 291.311



67, 10.113, 287.899



54, 17.721, 189.984



35, 6.862, 288.037



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



41, 27.333, 291.311



49, 42.014, 292.845



42, 30.670, 308.030



27, 4.134, 287.662



15, 78.181, 304.842



0, 1.891, 286.690

Inverse Universe

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



43, 21.638, 16.296



53, 33.448, 17.684



55, 28.938, 124.397



27, 3.162, 13.300



27, 60.663, 35.345



0, 1.426, 12.666

Previews

White Background



This preview shows how the CIE LCh color 41, 27.334, 291.311 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, 27.334, 291.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

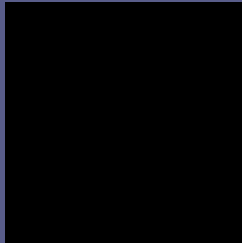
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 27.334, 291.311

Background



This preview shows how black text looks on a background with the CIELCh color 41, 27.334, 291.311.



This preview shows how white text looks on a background with the CIELCh color 41, 27.334, 291.311.

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

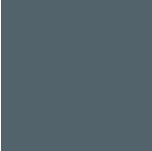
41, 27.334, 291.311

Protanopia

41, 27.464, 285.208

Deuteranopia

41, 25.742, 282.768



Tritanopia
41, 8.024, 236.222

Trichromacy



Original Color
41, 27.334, 291.311

Protanomaly
41, 27.381, 287.873

Deuteranomaly
41, 26.208, 285.918

Tritanomaly
41, 13.357, 272.692

Monochromacy



Original Color
41, 27.334, 291.311

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 9.730, 287.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 27.334, 291.311 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(89, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(89, 93, 138)  
}
```

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(89, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 93, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 27.334, 291.311 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(89, 93, 138) }
```

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

```
.border{ border-color:rgb(89, 93, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 93, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 93, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 93, 138);  
box-shadow:4px 4px 4px 4px rgb(89, 93,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 27.334, 291.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 93, 138) }
```

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

```
.background{ background-color: rgb(89, 93,  
138) }
```

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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