

Converting Colors

CIELCh(41, 43.713, 298.635)

Have a look what the booklet for
CIELCh(41, 43.713, 298.635)
contains.

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Color

CIELCh(41, 43.713, 298.635)

Conversions

Conversions Part 1

Format	Color
Hex	5E58A0
RGB	94, 88, 160
RGB Percent	37%, 35%, 63%
CMY	0.6319, 0.6554, 0.3731
CMYK	0.41, 0.45, 0.00, 0.37
HSL	245°, 29%, 49%
HSV	245°, 45%, 63%
XYZ	14.4144, 11.8645, 34.7237
YIQ	98.0020, -19.5360, 23.6640

Conversions

Conversions Part 2

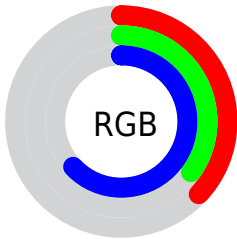
Format	Color
R_{YB}	94, 88, 160
Decimal	6183072
CIE _{Lab}	41.00, 20.95, -38.37
CIE _{LCh}	41, 43.713, 298.635
Yxy	11.8645, 0.2363, 0.1945
Android (android.graphics.Color)	4284373152 (0xFF5E58A0)
YUV	98.0020, 30.5650, -3.5098
Hunter-Lab	34.4449, 14.4192, -35.6584

Details

The CIELCh color $41, 43.713, 298.635$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 38.949, 109.788$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 43.551, 298.452$, and $21, 43.486, 298.275$ is the 20% darker color. If you saturate the color by 10%, you get $36, 54.416, 300.259$, and if you desaturate by 10%, it is $46, 33.331, 297.181$.

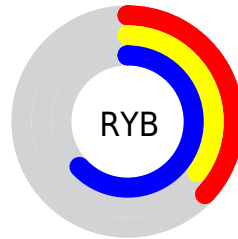
Distribution



Red (37%)

Green (35%)

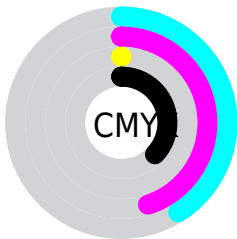
Blue (63%)



Red (37%)

Yellow (35%)

Blue (63%)

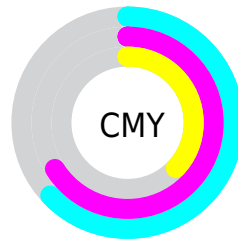


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (37%)



Cyan (63%)


Magenta (66%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 43.713, 298.635 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, 43.713, 298.635 by changing the saturation by 10% instead.


 41, 43.713,
298.635


 41, 43.713,
298.635


 100, 43.713,
298.635


 31, 43.713,
298.635


 61, 43.713,
298.635


 21, 43.713,
298.635

 71, 43.713,
298.635

 11, 43.713,
298.635

 81, 43.713,
298.635

 1, 43.713, 298.635

 91, 43.713,
298.635

 0, 43.713, 298.635

 41, 43.713,

 41, 43.713,

298.635

■ 36, 54.416,
300.259

■ 31, 65.236,
301.995

■ 26, 75.679,
303.712

■ 22, 84.793,
305.183

■ 19, 91.270,
306.143

■ 18, 93.923,
306.587

298.635

■ 46, 33.331,
297.181

■ 52, 23.338,
295.910

■ 58, 13.737,
294.814

■ 63, 4.513, 293.876

■ 69, 4.360, 113.058

■ 74, 12.905,
112.371

■ 79, 21.145,
111.780

■ 85, 29.101,
111.271

■ 90, 36.792,
110.832

Harmonies

Complementary

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



41, 43.713, 298.635



64, 38.949, 109.788

Rectangle

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



41, 43.713, 298.635



41, 43.713, 348.635



41, 43.713, 118.635



41, 43.713, 168.635

Sweetspot

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



41, 43.712, 298.635



73, 15.742, 294.736



60, 22.011, 204.653



38, 10.999, 294.944



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



41, 43.712, 298.635



46, 65.786, 300.255



44, 45.053, 313.401



31, 5.065, 294.252



16, 86.423, 306.625



0, 6.520, 293.280

Inverse Universe

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



48, 45.847, 329.290



57, 66.305, 329.819



61, 42.706, 129.315



31, 5.767, 327.260



33, 70.398, 331.767



1, 7.410, 327.301

Previews

White Background



This preview shows how the CIELCh color 41, 43.713, 298.635 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, 43.713, 298.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

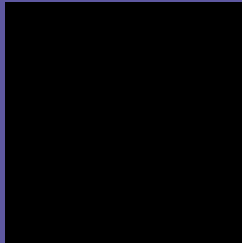
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 43.713, 298.635

Background



This preview shows how black text looks on a background with the CIELCh color 41, 43.713, 298.635.



This preview shows how white text looks on a background with the CIELCh color 41, 43.713, 298.635.

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

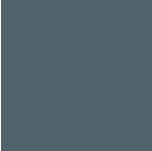
41, 43.713, 298.635

Protanopia

41, 43.834, 286.208

Deuteranopia

41, 37.722, 279.612



Tritanopia
41, 8.599, 233.223

Trichromacy



Original Color
41, 43.713, 298.635

Protanomaly
41, 43.649, 290.055

Deuteranomaly
41, 39.557, 286.649

Tritanomaly
41, 19.028, 282.200

Monochromacy



Original Color
41, 43.713, 298.635

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 15.846, 295.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 43.713, 298.635 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(94, 88, 160)` looks like.

```
.text, #text, p{  
    color:rgb(94, 88, 160)  
}
```

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(94, 88, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 88, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 43.713, 298.635 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(94, 88, 160) }
```

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

```
.border{ border-color:rgb(94, 88, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 88, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 88, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 88, 160);  
box-shadow:4px 4px 4px 4px rgb(94, 88,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 43.713, 298.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 88, 160) }
```

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

```
.background{ background-color: rgb(94, 88,  
160) }
```

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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