

Converting Colors

CIELCh(41, 27.055, 296.339)

Have a look what the booklet for
CIELCh(41, 27.055, 296.339)
contains.

CIELCh(41, 26.793, 296.275)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 26.793, 296.275)

Conversions

Conversions Part 1

Format	Color
Hex	5F5C88
RGB	95, 92, 136
RGB Percent	37%, 36%, 53%
CMY	0.6274, 0.6392, 0.4667
CMYK	0.30, 0.32, 0.00, 0.47
HSL	244°, 19%, 45%
HSV	244°, 32%, 53%
XYZ	12.9902, 11.8645, 24.8975
YIQ	97.9130, -12.3360, 14.3200

Conversions

Conversions Part 2

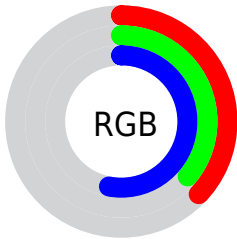
Format	Color
R_{YB}	95, 92, 136
Decimal	6249608
CIE _{Lab}	41.00, 11.86, -24.02
CIE _{LCh}	41, 26.793, 296.275
Yxy	11.8645, 0.2611, 0.2385
Android (android.graphics.Color)	4284439688 (0xFF5F5C88)
YUV	97.9130, 18.7769, -2.5547
Hunter-Lab	34.4449, 7.0389, -18.7446

Details

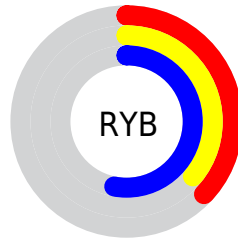
The CIELCh color $41, 26.793, 296.275$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55, 24.833, 110.168$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 27.169, 296.697$, and $21, 27.040, 296.737$ is the 20% darker color. If you saturate the color by 10%, you get $36, 35.786, 297.698$, and if you desaturate by 10%, it is $46, 18.143, 295.038$.

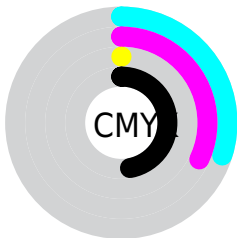
Distribution



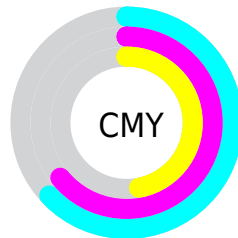
- Red (37%)
- Green (36%)
- Blue (53%)



- Red (37%)
- Yellow (36%)
- Blue (53%)



- Cyan (30%)
- Magenta (32%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 26.793, 296.275 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, 26.793, 296.275 by changing the saturation by 10% instead.

■ 41, 26.793,
296.275

■ 41, 26.793,
296.275

■ 100, 26.793,
296.275

■ 31, 26.793,
296.275

■ 61, 26.793,
296.275

■ 21, 26.793,
296.275

■ 71, 26.793,
296.275

■ 11, 26.793,
296.275

■ 81, 26.793,
296.275

■ 1, 26.793, 296.275

■ 91, 26.793,
296.275

■ 0, 26.793, 296.275

■ 41, 26.793,

■ 41, 26.793,

296.275

36, 35.786,
297.698

31, 45.093,
299.304

27, 54.593,
301.054

23, 63.967,
302.848

19, 72.550,
304.494

16, 79.262,
305.727

15, 83.474,
306.578

296.275

46, 18.143,
295.038

51, 9.832, 293.973

56, 1.842, 293.072

60, 5.849, 112.267

65, 13.262,
111.598

70, 20.416,
111.021

75, 27.329,
110.523

79, 34.016,
110.092

84, 40.493,

Harmonies

Complementary

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



41, 26.793, 296.275



55, 24.833, 110.168

Rectangle

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



41, 26.793, 296.275



41, 26.793, 346.275



41, 26.793, 116.275



41, 26.793, 166.275

Sweetspot

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



41, 26.792, 296.275



66, 9.784, 293.767



53, 14.700, 204.672



34, 6.743, 293.884



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 26.792, 296.275



48, 40.465, 297.324



43, 28.128, 312.783



26, 4.511, 293.667



14, 81.946, 306.587



0, 2.060, 292.860

Inverse Universe

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



45, 29.555, 328.100



55, 43.711, 328.505



54, 27.108, 129.934



27, 5.193, 326.805



30, 67.509, 331.061



0, 2.397, 326.326

Previews

White Background



This preview shows how the CIELCh color 41, 26.793, 296.275 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, 26.793, 296.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

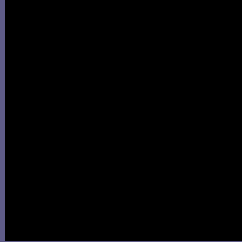
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 26.793, 296.275

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.793, 296.275.



This preview shows how white text looks on a background with the CIELCh color 41, 26.793, 296.275.

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, 26.793, 296.275

Protanopia

41, 26.836, 285.547

Deuteranopia

41, 23.887, 283.024



Tritanopia
41, 5.937, 254.214

Trichromacy



Original Color
41, 26.793, 296.275

Protanomaly
41, 26.736, 289.001

Deuteranomaly
41, 24.329, 287.251

Tritanomaly
41, 12.841, 283.629

Monochromacy



Original Color
41, 26.793, 296.275

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 9.726, 293.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.793, 296.275 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(95, 92, 136)` looks like.

```
.text, #text, p{  
    color:rgb(95, 92, 136)  
}
```

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(95, 92, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.793, 296.275 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(95, 92, 136) }
```

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

```
.border{ border-color:rgb(95, 92, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 92, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 136);  
box-shadow:4px 4px 4px 4px rgb(95, 92,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.793, 296.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 92, 136) }
```

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

```
.background{ background-color: rgb(95, 92,  
136) }
```

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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