

Converting Colors

CIELCh(41, 25.546, 296.215)

Have a look what the booklet for
CIELCh(41, 25.546, 296.215)
contains.

CIELCh(41, 25.592, 296.242)	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, 25.592, 296.242)

Conversions

Conversions Part 1

Format	Color
Hex	5F5C86
RGB	95, 92, 134
RGB Percent	37%, 36%, 53%
CMY	0.6266, 0.6384, 0.4736
CMYK	0.29, 0.31, 0.00, 0.47
HSL	244°, 19%, 44%
HSV	244°, 31%, 53%
XYZ	12.9079, 11.8645, 24.2495
YIQ	97.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

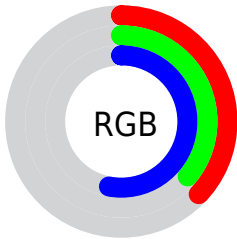
Format	Color
R_{YB}	95, 92, 134
Decimal	6249606
CIE _{Lab}	41.00, 11.32, -22.95
CIE _{LCh}	41, 25.592, 296.242
Yxy	11.8645, 0.2633, 0.2420
Android (android.graphics.Color)	4284439686 (0xFF5F5C86)
YUV	97.6850, 17.9033, -2.3547
Hunter-Lab	34.4449, 6.6125, -17.6292

Details

The CIELCh color $41, 25.592, 296.242$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55, 23.793, 110.405$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 25.467, 296.028$, and $21, 25.721, 296.546$ is the 20% darker color. If you saturate the color by 10%, you get $36, 34.452, 297.632$, and if you desaturate by 10%, it is $46, 17.070, 295.034$.

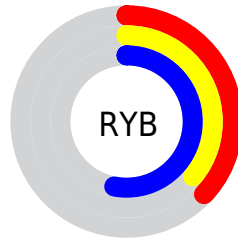
Distribution



Red (37%)

Green (36%)

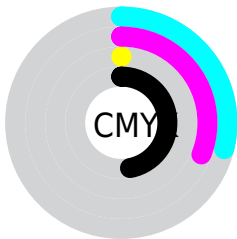
Blue (53%)



Red (37%)

Yellow (36%)

Blue (53%)

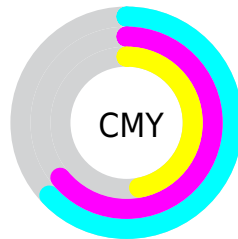


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (63%)


Magenta (64%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.592, 296.242 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, 25.592, 296.242 by changing the saturation by 10% instead.


 41, 25.592,
296.242


 41, 25.592,
296.242


 100, 25.592,
296.242


 31, 25.592,
296.242

 61, 25.592,
296.242


 21, 25.592,
296.242

 71, 25.592,
296.242

 11, 25.592,
296.242


 81, 25.592,
296.242

 1, 25.592, 296.242

 91, 25.592,
296.242

 0, 25.592, 296.242

 41, 25.592,

 41, 25.592,

296.242

■ 36, 34.452,
297.632

■ 31, 43.627,
299.204

■ 27, 53.011,
300.925

■ 23, 62.318,
302.703

■ 19, 70.940,
304.360

■ 16, 77.854,
305.639

■ 14, 82.662,
306.597

296.242

■ 46, 17.070,
295.034

■ 51, 8.883, 293.995

■ 55, 1.009, 293.127

■ 60, 6.572, 112.329

■ 65, 13.880,
111.674

■ 70, 20.934,
111.110

■ 74, 27.751,
110.623

■ 79, 34.347,
110.201

■ 83, 40.736,

Harmonies

Complementary

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



41, 25.592, 296.242



55, 23.793, 110.405

Rectangle

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



41, 25.592, 296.242



41, 25.592, 346.242



41, 25.592, 116.242



41, 25.592, 166.242

Sweetspot

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



41, 25.591, 296.242



66, 8.686, 293.796



52, 14.131, 204.682



33, 6.024, 293.915



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 25.591, 296.242



48, 38.880, 297.271



43, 26.898, 312.732



25, 4.371, 293.789



14, 80.776, 306.609



0, 1.030, 292.992

Inverse Universe

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



45, 28.240, 328.143



54, 42.037, 328.552



53, 25.957, 129.986



26, 5.021, 326.900



30, 66.404, 331.206



0, 1.196, 326.424

Previews

White Background



This preview shows how the CIELCh color 41, 25.592, 296.242 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, 25.592, 296.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

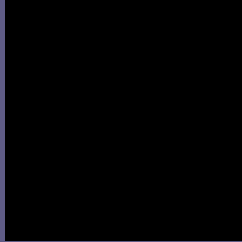
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.592, 296.242

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.592, 296.242.



This preview shows how white text looks on a background with the CIELCh color 41, 25.592, 296.242.

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, 25.592, 296.242

Protanopia

41, 25.616, 285.609

Deuteranopia

41, 23.800, 285.391



Tritanopia
41, 5.937, 254.214

Trichromacy



Original Color
41, 25.592, 296.242

Protanomaly
41, 25.520, 289.291

Deuteranomaly
41, 24.303, 289.647

Tritanomaly
41, 12.244, 283.087

Monochromacy



Original Color
41, 25.592, 296.242

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 9.120, 294.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.592, 296.242 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 92, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 92, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.592, 296.242 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, 134) }
```

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

```
.border{ border-color:rgb(95, 92, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 92,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.592, 296.242 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, 134) }
```

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

```
.background{ background-color: rgb(95, 92,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor