

Converting Colors

CIELCh(41, 21.897, 293.431)

Have a look what the booklet for
CIELCh(41, 21.897, 293.431)
contains.

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Color

CIELCh(41, 21.909, 294.323)

Conversions

Conversions Part 1

Format	Color
Hex	5E5D81
RGB	94, 93, 129
RGB Percent	37%, 36%, 51%
CMY	0.6303, 0.6342, 0.4930
CMYK	0.27, 0.28, 0.00, 0.49
HSL	242°, 16%, 44%
HSV	242°, 28%, 51%
XYZ	12.5656, 11.8645, 22.4991
YIQ	97.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

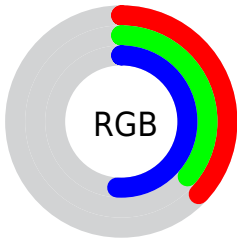
Format	Color
R_{YB}	94, 93, 129
Decimal	6184321
CIE _{Lab}	41.00, 9.02, -19.96
CIE _{LCh}	41, 21.909, 294.323
Yxy	11.8645, 0.2678, 0.2528
Android (android.graphics.Color)	4284374401 (0xFF5E5D81)
YUV	97.4030, 15.5773, -2.9844
Hunter-Lab	34.4449, 4.8388, -14.6162

Details

The CIELCh color **41, 21.909, 294.323** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **53, 20.551, 108.806**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 22.035, 294.396**, and **21, 22.336, 294.193** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.387, 295.770**, and if you desaturate by 10%, it is **46, 13.765, 293.077**.

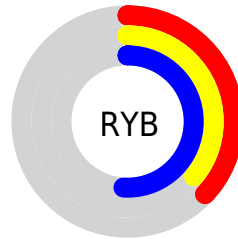
Distribution



Red (37%)

Green (36%)

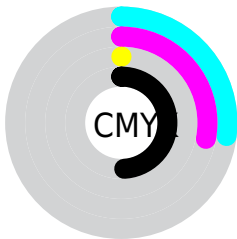
Blue (51%)



Red (37%)

Yellow (36%)

Blue (51%)

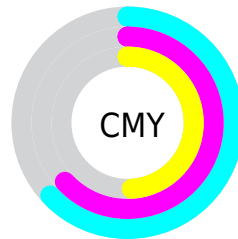


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (49%)



Cyan (63%)


Magenta (63%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 21.909, 294.323 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, 21.909, 294.323 by changing the saturation by 10% instead.


 41, 21.909,
294.323


 41, 21.909,
294.323


 100, 21.909,
294.323


 31, 21.909,
294.323

 61, 21.909,
294.323


 21, 21.909,
294.323

 71, 21.909,
294.323

 11, 21.909,
294.323


 81, 21.909,
294.323

 1, 21.909, 294.323

 91, 21.909,
294.323

 0, 21.909, 294.323

 41, 21.909,

 41, 21.909,

294.323

■ 36, 30.387,
295.770

■ 32, 39.201,
297.430

■ 27, 48.289,
299.285

■ 23, 57.460,
301.263

■ 19, 66.246,
303.207

■ 16, 73.760,
304.861

■ 14, 79.429,
306.121

■ 13, 80.689,
306.414

294.323

■ 46, 13.765,
293.077

■ 50, 5.943, 292.013

■ 55, 1.582, 111.070

■ 60, 8.830, 110.310

■ 64, 15.821,
109.642

■ 69, 22.573,
109.067

■ 73, 29.102,
108.570

■ 78, 35.422,
108.138

■ 82, 41.546,

Harmonies

Complementary

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



41, 21.909, 294.323



53, 20.551, 108.806

Rectangle

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



41, 21.909, 294.323



41, 21.909, 344.323



41, 21.909, 114.323



41, 21.909, 164.323

Sweetspot

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



41, 21.908, 294.322



64, 7.511, 292.046



51, 12.983, 199.648



33, 5.326, 292.176



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 21.908, 294.322



50, 32.585, 295.153



43, 22.933, 310.912



24, 4.224, 292.135



13, 79.878, 306.416



0, 0.000, 0.000

Inverse Universe

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



44, 25.132, 326.670



55, 36.842, 326.978



52, 22.129, 128.421



25, 5.006, 325.654



29, 67.679, 329.338



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 21.909, 294.323 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, 21.909, 294.323 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, 21.909, 294.323

Background



This preview shows how black text looks on a background with the CIELCh color 41, 21.909, 294.323.



This preview shows how white text looks on a background with the CIELCh color 41, 21.909, 294.323.

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, 21.909, 294.323

Protanopia

41, 21.980, 285.204

Deuteranopia

41, 20.718, 286.357



Tritanopia
41, 5.725, 257.384

Trichromacy



Original Color
41, 21.909, 294.323

Protanomaly
41, 21.902, 288.783

Deuteranomaly
41, 21.283, 289.481

Tritanomaly
41, 11.001, 283.800

Monochromacy



Original Color
41, 21.909, 294.323

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 7.909, 294.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 21.909, 294.323 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, 93, 129)` looks like.

```
.text, #text, p{  
    color:rgb(94, 93, 129)  
}
```

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, 93, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 93, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 21.909, 294.323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

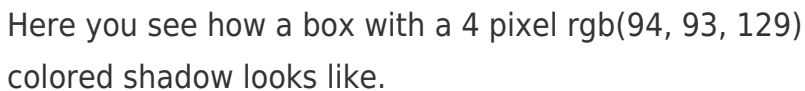
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 93, 129) }
```

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

```
.border{ border-color:rgb(94, 93, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 93, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 93, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 93, 129);  
box-shadow:4px 4px 4px 4px rgb(94, 93,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 21.909, 294.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 93, 129) }
```

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

```
.background{ background-color: rgb(94, 93,  
129) }
```

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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