

Converting Colors

CIELCh(53, 43.345, 281.693)

Have a look what the booklet for
CIELCh(53, 43.345, 281.693)
contains.

CIELCh(53, 42.854, 281.132)	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(53, 42.854, 281.132)

Conversions

Conversions Part 1

Format	Color
Hex	587EC7
RGB	88, 126, 199
RGB Percent	35%, 49%, 78%
CMY	0.6558, 0.5067, 0.2205
CMYK	0.56, 0.37, 0.00, 0.22
HSL	219°, 50%, 56%
HSV	219°, 56%, 78%
XYZ	21.7201, 21.0462, 56.8139
YIQ	122.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

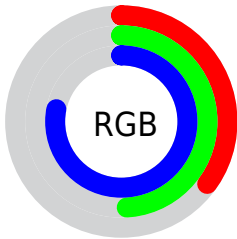
Format	Color
R _Y B	88, 116, 199
Decimal	5799623
CIE Lab	53.00, 8.27, -42.05
CIE LCh	53, 42.854, 281.132
Yxy	21.0462, 0.2181, 0.2113
Android (android.graphics.Color)	4283989703 (0xFF587EC7)
YUV	122.9600, 37.4877, -30.6599
Hunter-Lab	45.8761, 4.2278, -41.3127

Details

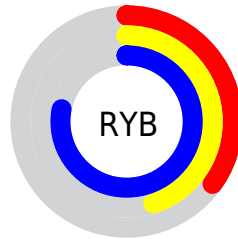
The CIELCh color **53, 42.854, 281.132** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **68, 43.194, 82.909**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.431, 281.108**, and **33, 42.807, 280.983** is the 20% darker color. If you saturate the color by 10%, you get **48, 51.015, 284.165**, and if you desaturate by 10%, it is **58, 34.880, 278.481**.

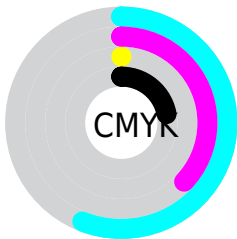
Distribution



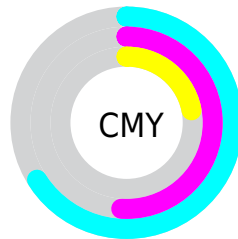
- Red (35%)
- Green (49%)
- Blue (78%)



- Red (35%)
- Yellow (45%)
- Blue (78%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)





- Cyan (66%)
- Magenta (51%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 42.854, 281.132 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 53, 42.854, 281.132 by changing the saturation by 10% instead.


 53, 42.854,
281.132


 53, 42.854,
281.132


 100, 42.854,
281.132


 43, 42.854,
281.132


 73, 42.854,
281.132

 33, 42.854,
281.132

 83, 42.854,
281.132

 23, 42.854,
281.132

 93, 42.854,
281.132

 13, 42.854,
281.132

 3, 42.854, 281.132

 0, 42.854, 281.132

■ 53, 42.854,
281.132

■ 53, 42.854,
281.132

■ 48, 51.015,
284.165

■ 58, 34.880,
278.481

■ 44, 59.399,
287.544

■ 63, 27.059,
276.195

■ 40, 68.000,
291.168

■ 67, 19.367,
274.241

■ 36, 76.712,
294.846

■ 72, 11.789,
272.575

■ 35, 80.323,
296.266

■ 77, 4.322, 271.178

■ 82, 3.036, 89.806

■ 87, 10.282, 88.797

■ 92, 17.415, 87.877

■ 96, 23.148, 97.442

Harmonies

Complementary

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



53, 42.854, 281.132



68, 43.194, 82.909

Rectangle

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



53, 42.854, 281.132



53, 42.854, 331.132



53, 42.854, 101.132



53, 42.854, 151.132

Sweetspot

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



53, 42.853, 281.133



90, 15.499, 272.794



73, 42.214, 166.316



47, 10.382, 273.119



0, 0.000, 0.000



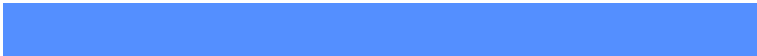
53, 0.007, 296.813

Same Dimension

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



53, 42.853, 281.133



60, 63.684, 284.862



44, 66.074, 302.176



39, 4.204, 271.639



28, 68.342, 295.724



4, 16.517, 280.513

Inverse Universe

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



52, 48.050, 0.763



61, 68.830, 3.874



77, 56.859, 112.087



39, 4.721, 353.896



34, 61.549, 16.604



4, 16.714, 2.040

Previews

White Background



This preview shows how the CIE LCh color 53, 42.854, 281.132 looks on a white 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

Black Background



This preview shows how the CIELCh color 53, 42.854, 281.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

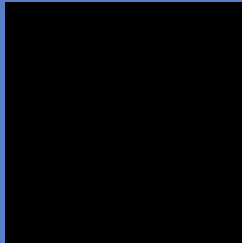
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 42.854, 281.132

Background



This preview shows how black text looks on a background with the CIELCh color 53, 42.854, 281.132.

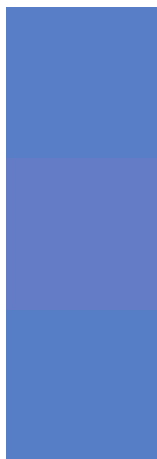


This preview shows how white text looks on a background with the CIELCh color 53, 42.854, 281.132.

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

53, 42.854, 281.132

Protanopia

53, 42.441, 285.477

Deuteranopia

53, 42.944, 280.533



Tritanopia
53, 22.124, 214.359

Trichromacy



Original Color
53, 42.854, 281.132

Protanomaly
53, 42.570, 283.731

Deuteranomaly
53, 42.899, 280.831

Tritanomaly
53, 25.327, 249.917

Monochromacy



Original Color
53, 42.854, 281.132

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 16.294, 274.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 42.854, 281.132 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(88, 126, 199)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 199)  
}
```

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(88, 126, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 42.854, 281.132 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(88, 126, 199) }
```

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

```
.border{ border-color:rgb(88, 126, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 199);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 42.854, 281.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 199) }
```

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

```
.background{ background-color: rgb(88, 126,  
199) }
```

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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