

Converting Colors

CIELCh(52, 40.694, 279.412)

Have a look what the booklet for
CIELCh(52, 40.694, 279.412)
contains.

CIELCh(52, 40.879, 279.389)	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(52, 40.879, 279.389)

Conversions

Conversions Part 1

Format	Color
Hex	547CC1
RGB	84, 124, 193
RGB Percent	33%, 49%, 76%
CMY	0.6706, 0.5138, 0.2432
CMYK	0.56, 0.36, 0.00, 0.24
HSL	218°, 47%, 54%
HSV	218°, 56%, 76%
XYZ	20.4834, 20.1443, 53.2492
YIQ	119.9060, -45.9890, 12.9790

Conversions

Conversions Part 2

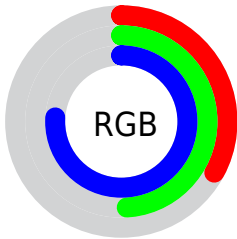
Format	Color
R_{YB}	84, 113, 193
Decimal	5536961
CIE _{Lab}	52.00, 6.67, -40.33
CIE _{LCh}	52, 40.879, 279.389
Yxy	20.1443, 0.2182, 0.2146
Android (android.graphics.Color)	4283727041 (0xFF547CC1)
YUV	119.9060, 36.0353, -31.4896
Hunter-Lab	44.8824, 2.9196, -38.9249

Details

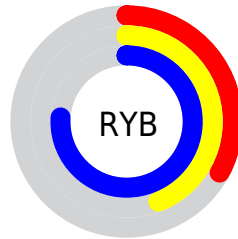
The CIELCh color **52, 40.879, 279.389** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **66, 42.053, 80.737**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 41.060, 279.697**, and **32, 40.730, 279.115** is the 20% darker color. If you saturate the color by 10%, you get **48, 48.482, 282.493**, and if you desaturate by 10%, it is **57, 33.422, 276.679**.

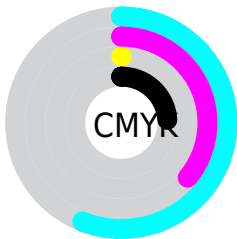
Distribution



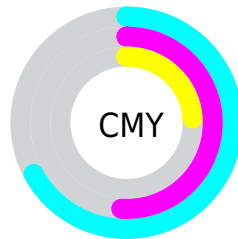
- Red (33%)
- Green (49%)
- Blue (76%)



- Red (33%)
- Yellow (44%)
- Blue (76%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)





- Cyan (67%)
- Magenta (51%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 40.879, 279.389 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 52, 40.879, 279.389 by changing the saturation by 10% instead.


 52, 40.879,
279.389


 52, 40.879,
279.389


 100, 40.879,
279.389


 42, 40.879,
279.389


 72, 40.879,
279.389

 32, 40.879,
279.389

 82, 40.879,
279.389

 22, 40.879,
279.389

 92, 40.879,
279.389

 12, 40.879,
279.389

 2, 40.879, 279.389

 0, 40.879, 279.389

■ 52, 40.879,
279.389

■ 52, 40.879,
279.389

■ 48, 48.482,
282.493

■ 57, 33.422,
276.679

■ 43, 56.274,
285.959

■ 61, 26.079,
274.345

■ 39, 64.272,
289.687

■ 66, 18.825,
272.352

■ 36, 72.416,
293.486

■ 70, 11.653,
270.655

■ 35, 75.300,
294.729

■ 75, 4.560, 269.230

■ 80, 2.450, 87.813

■ 84, 9.373, 86.807

■ 89, 16.203, 85.875

■ 93, 22.534, 87.462

Harmonies

Complementary

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



52, 40.879, 279.389



66, 42.053, 80.737

Rectangle

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



52, 40.879, 279.389



52, 40.879, 329.389



52, 40.879, 99.389



52, 40.879, 149.389

Sweetspot

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



52, 40.878, 279.390



88, 14.835, 270.778



71, 42.880, 164.095



46, 9.931, 271.104



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



52, 40.878, 279.390



60, 61.306, 283.357



42, 65.316, 301.437



38, 4.008, 269.611



29, 64.787, 294.189



3, 14.641, 278.235

Inverse Universe

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



51, 47.723, 359.097



60, 68.784, 2.250



75, 55.890, 110.503



38, 4.684, 352.296



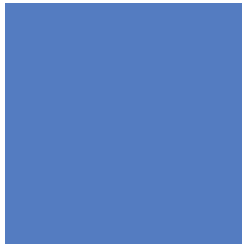
34, 60.382, 14.220



3, 14.915, 359.985

Previews

White Background



This preview shows how the CIE LCh color 52, 40.879, 279.389 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 52, 40.879, 279.389 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 52, 40.879, 279.389

Background



This preview shows how black text looks on a background with the CIELCh color 52, 40.879, 279.389.

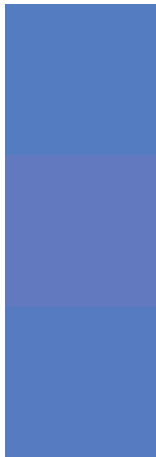


This preview shows how white text looks on a background with the CIELCh color 52, 40.879, 279.389.

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

52, 40.879, 279.389

Protanopia

52, 40.861, 285.673

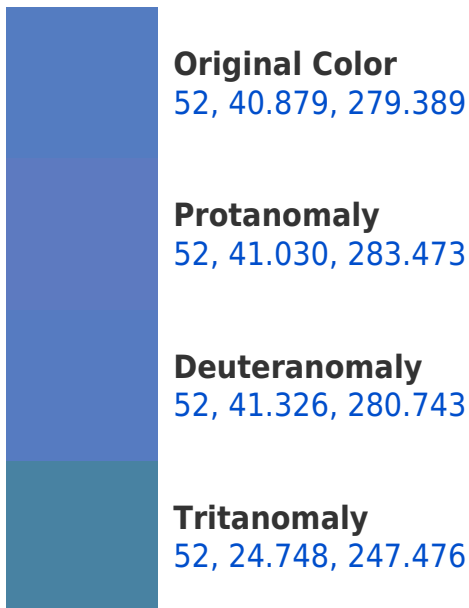
Deuteranopia

52, 41.280, 281.063

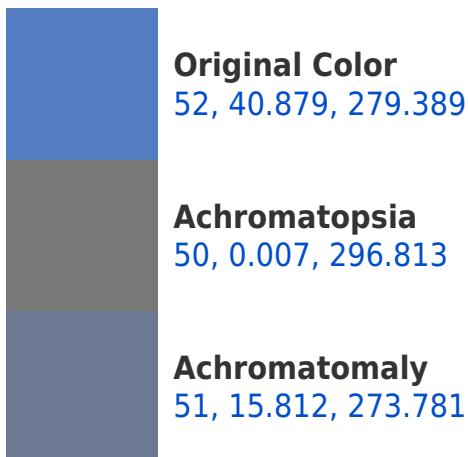


Tritanopia
52, 22.312, 214.227

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 40.879, 279.389 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(84, 124, 193)` looks like.

```
.text, #text, p{  
    color:rgb(84, 124, 193)  
}
```

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(84, 124, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 40.879, 279.389 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(84, 124, 193) }
```

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

```
.border{ border-color:rgb(84, 124, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 124, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 193);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 40.879, 279.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 193) }
```

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

```
.background{ background-color: rgb(84, 124,  
193) }
```

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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