

Converting Colors

CIELCh(54, 40.886, 297.056)

Have a look what the booklet for
CIELCh(54, 40.886, 297.056)
contains.

CIELCh(54, 41.045, 297.126)	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(54, 41.045, 297.126)

Conversions

Conversions Part 1

Format	Color
Hex	7E79C0
RGB	126, 121, 192
RGB Percent	49%, 47%, 75%
CMY	0.5052, 0.5249, 0.2464
CMYK	0.34, 0.37, 0.00, 0.25
HSL	244°, 36%, 61%
HSV	244°, 37%, 75%
XYZ	25.0186, 21.9746, 52.8924
YIQ	130.5890, -19.8110, 23.1410

Conversions

Conversions Part 2

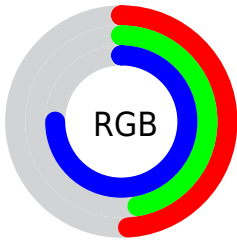
Format	Color
R_{YB}	126, 121, 192
Decimal	8288704
CIE _{Lab}	54.00, 18.71, -36.53
CIE _{LCh}	54, 41.045, 297.126
Yxy	21.9746, 0.2505, 0.2200
Android (android.graphics.Color)	4286478784 (0xFF7E79C0)
YUV	130.5890, 30.2756, -4.0246
Hunter-Lab	46.8770, 13.2318, -34.0843

Details

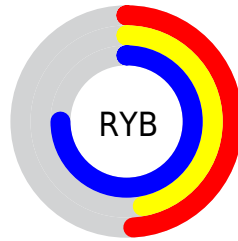
The CIELCh color $54, 41.045, 297.126$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $76, 37.436, 109.812$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 41.370, 297.428$, and $34, 40.662, 297.010$ is the 20% darker color. If you saturate the color by 10%, you get $48, 53.219, 298.691$, and if you desaturate by 10%, it is $60, 29.323, 295.757$.

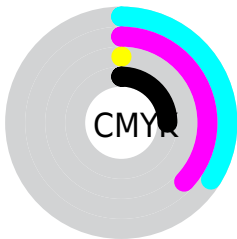
Distribution



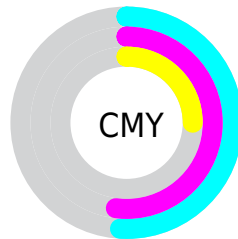
- Red (49%)
- Green (47%)
- Blue (75%)



- Red (49%)
- Yellow (47%)
- Blue (75%)



- Cyan (34%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)





- Cyan (51%)
- Magenta (52%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 41.045, 297.126 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 54, 41.045, 297.126 by changing the saturation by 10% instead.


 54, 41.045,
297.126


 54, 41.045,
297.126


 100, 41.045,
297.126


 44, 41.045,
297.126


 74, 41.045,
297.126

 34, 41.045,
297.126

 84, 41.045,
297.126

 24, 41.045,
297.126

 94, 41.045,
297.126

 14, 41.045,
297.126

 4, 41.045, 297.126

 0, 41.045, 297.126

■ 54, 41.045,
297.126

■ 54, 41.045,
297.126

■ 48, 53.219,
298.691

■ 60, 29.323,
295.757

■ 41, 65.742,
300.430

■ 67, 18.071,
294.578

■ 36, 78.299,
302.264

■ 73, 7.270, 293.571

■ 30, 90.159,
304.023

■ 80, 3.111, 112.692

■ 26, 99.994,
305.441

■ 86, 13.099,
111.965

■ 24, 106.283,
306.263

■ 92, 22.724,
111.337

■ 23, 107.810,
306.491

■ 98, 31.674,
110.382

■ 99, 31.631,
107.771

Harmonies

Complementary

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



54, 41.045, 297.126



76, 37.436, 109.812

Rectangle

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



54, 41.045, 297.126



54, 41.045, 347.126



54, 41.045, 117.126



54, 41.045, 167.126

Sweetspot

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



54, 41.044, 297.126



90, 14.349, 293.976



72, 21.750, 204.638



47, 9.665, 294.113



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 41.044, 297.126



63, 61.454, 298.323



57, 42.788, 313.048



37, 5.995, 293.800



19, 94.342, 306.535



1, 19.505, 293.043

Inverse Universe

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



60, 44.512, 328.478



73, 64.945, 328.900



73, 40.951, 129.668



38, 6.886, 326.901



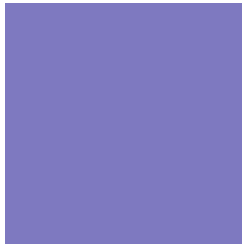
37, 77.448, 331.219



4, 22.680, 328.807

Previews

White Background



This preview shows how the CIELCh color 54, 41.045, 297.126 looks on a white background.

Color Contrast Check

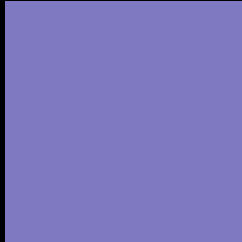
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 41.045, 297.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

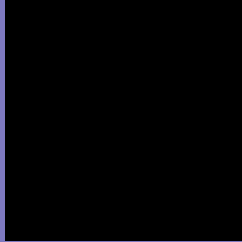
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 41.045, 297.126

Background



This preview shows how black text looks on a background with the CIELCh color 54, 41.045, 297.126.

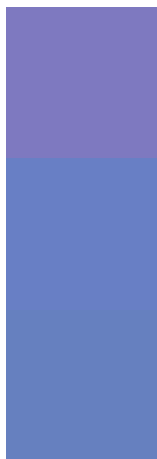


This preview shows how white text looks on a background with the CIELCh color 54, 41.045, 297.126.

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

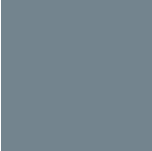
54, 41.045, 297.126

Protanopia

54, 40.544, 285.345

Deuteranopia

54, 36.741, 282.288



Tritanopia
54, 8.409, 242.398

Trichromacy



Original Color
54, 41.045, 297.126

Protanomaly
54, 40.366, 289.331

Deuteranomaly
54, 37.547, 287.575

Tritanomaly
54, 18.637, 282.668

Monochromacy



Original Color
54, 41.045, 297.126

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 15.039, 294.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 41.045, 297.126 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(126, 121, 192)` looks like.

```
.text, #text, p{  
    color:rgb(126, 121, 192)  
}
```

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(126, 121, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 121, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 41.045, 297.126 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(126, 121, 192) }
```

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

```
.border{ border-color:rgb(126, 121, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 121, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 121, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 121, 192);  
box-shadow:4px 4px 4px 4px rgb(126, 121,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 41.045, 297.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 121, 192) }
```

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

```
.background{ background-color: rgb(126,  
121, 192) }
```

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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