

Converting Colors

CIELCh(54, 43.668, 285.651)

Have a look what the booklet for
CIELCh(54, 43.668, 285.651)
contains.

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Color

CIELCh(54, 43.998, 286.022)

Conversions

Conversions Part 1

Format	Color
Hex	657ECA
RGB	101, 126, 202
RGB Percent	40%, 49%, 79%
CMY	0.6036, 0.5056, 0.2076
CMYK	0.50, 0.38, 0.00, 0.21
HSL	225°, 49%, 59%
HSV	225°, 50%, 79%
XYZ	23.5109, 21.9746, 58.9199
YIQ	127.1890, -39.2960, 18.3360

Conversions

Conversions Part 2

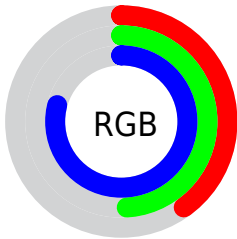
Format	Color
R_{YB}	101, 121, 202
Decimal	6651594
CIE _{Lab}	54.00, 12.14, -42.29
CIE _{LCh}	54, 43.998, 286.022
Y _{xy}	21.9746, 0.2252, 0.2105
Android (android.graphics.Color)	4284841674 (0xFF657ECA)
YUV	127.1890, 36.8818, -22.9678
Hunter-Lab	46.8770, 7.4908, -41.7078

Details

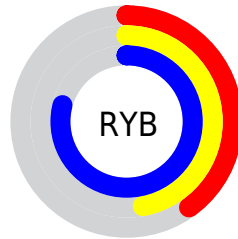
The CIELCh color `54, 43.998, 286.022` is a dark color, and the websafe version is hex `6699FF`. A complement of this color would be `73, 41.932, 91.180`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 41.940, 285.510`, and `34, 44.070, 286.121` is the 20% darker color. If you saturate the color by 10%, you get `49, 53.606, 288.642`, and if you desaturate by 10%, it is `59, 34.693, 283.739`.

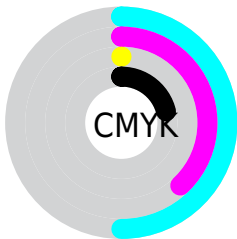
Distribution



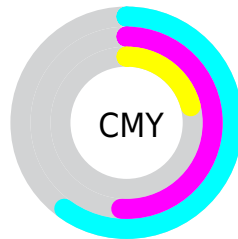
- Red (40%)
- Green (49%)
- Blue (79%)



- Red (40%)
- Yellow (47%)
- Blue (79%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (51%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.998, 286.022 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, 43.998, 286.022 by changing the saturation by 10% instead.


 54, 43.998,
286.022

 54, 43.998,
286.022


 100, 43.998,
286.022

 44, 43.998,
286.022


 74, 43.998,
286.022

 34, 43.998,
286.022

 84, 43.998,
286.022

 24, 43.998,
286.022

 94, 43.998,
286.022

 14, 43.998,
286.022

 4, 43.998, 286.022

 0, 43.998, 286.022

■ 54, 43.998,
286.022

■ 54, 43.998,
286.022

■ 49, 53.606,
288.642

■ 59, 34.693,
283.739

■ 44, 63.526,
291.574

■ 65, 25.666,
281.773

■ 39, 73.682,
294.732

■ 70, 16.887,
280.092

■ 34, 83.813,
297.940

■ 76, 8.335, 278.660

■ 31, 93.393,
300.888

■ 81, 0.007, 68.398

■ 31, 93.410,
300.893

■ 87, 8.146, 96.307

■ 92, 16.094, 95.390

■ 97, 23.326,
101.613

■ 99, 26.702,

Harmonies

Complementary

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



54, 43.998, 286.022



73, 41.932, 91.180

Rectangle

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



54, 43.998, 286.022



54, 43.998, 336.022



54, 43.998, 106.022



54, 43.998, 156.022

Sweetspot

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



54, 43.997, 286.023



90, 15.222, 279.378



75, 35.814, 174.282



47, 10.412, 279.691



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 43.997, 286.023



61, 64.853, 288.876



50, 59.479, 304.139



40, 4.770, 278.584



25, 79.537, 300.463



3, 19.567, 285.394

Inverse Universe

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



55, 42.923, 6.573



64, 62.043, 9.234



78, 52.874, 116.870



40, 4.601, 0.532



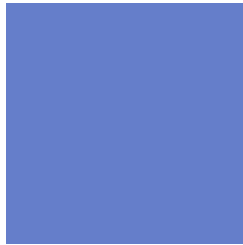
34, 65.111, 25.180



4, 18.358, 7.411

Previews

White Background



This preview shows how the CIE LCh color 54, 43.998, 286.022 looks on a white background.

Color Contrast Check

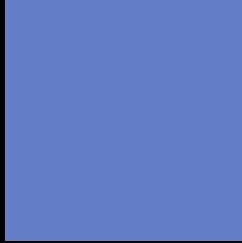
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.998, 286.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

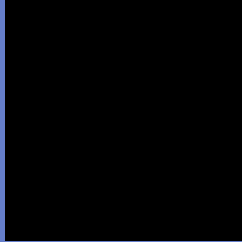
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.998, 286.022

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.998, 286.022.

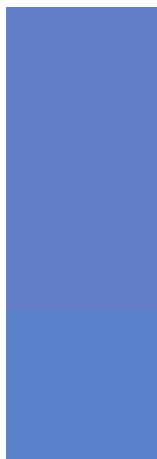


This preview shows how white text looks on a background with the CIELCh color 54, 43.998, 286.022.

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, 43.998, 286.022

Protanopia

54, 44.031, 285.694

Deuteranopia

54, 42.211, 280.299



Tritanopia
54, 18.532, 218.030

Trichromacy



Original Color
54, 43.998, 286.022

Protanomaly
54, 44.031, 285.694

Deuteranomaly
54, 42.577, 282.237

Tritanomaly
54, 23.712, 257.698

Monochromacy



Original Color
54, 43.998, 286.022

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 15.844, 280.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.998, 286.022 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(101, 126, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 202)  
}
```

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(101, 126, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.998, 286.022 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(101, 126, 202) }
```

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

```
.border{ border-color:rgb(101, 126, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 202);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.998, 286.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 202) }
```

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

```
.background{ background-color: rgb(101,  
126, 202) }
```

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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