

Converting Colors

CIELCh(54, 43.349, 288.324)

Have a look what the booklet for
CIELCh(54, 43.349, 288.324)
contains.

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Color

CIELCh(54, 43.293, 288.275)

Conversions

Conversions Part 1

Format	Color
Hex	6B7DC8
RGB	107, 125, 200
RGB Percent	42%, 49%, 78%
CMY	0.5802, 0.5097, 0.2155
CMYK	0.46, 0.37, 0.00, 0.22
HSL	228°, 46%, 60%
HSV	228°, 46%, 78%
XYZ	23.8342, 21.9746, 57.6498
YIQ	128.1680, -34.8030, 19.5090

Conversions

Conversions Part 2

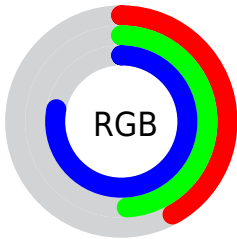
Format	Color
R _{YB}	107, 122, 200
Decimal	7044552
CIE _{Lab}	54.00, 13.58, -41.11
CIE _{LCh}	54, 43.293, 288.275
Y _{xy}	21.9746, 0.2304, 0.2124
Android (android.graphics.Color)	4285234632 (0xFF6B7DC8)
YUV	128.1680, 35.4132, -18.5643
Hunter-Lab	46.8770, 8.7217, -40.1015

Details

The CIELCh color $54, 43.293, 288.275$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $74, 40.512, 95.320$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 42.343, 288.003$, and $34, 43.885, 288.713$ is the 20% darker color. If you saturate the color by 10%, you get $48, 53.520, 290.675$, and if you desaturate by 10%, it is $60, 33.421, 286.189$.

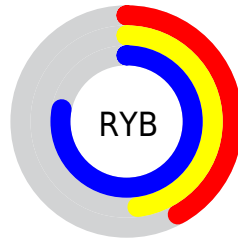
Distribution



Red (42%)

Green (49%)

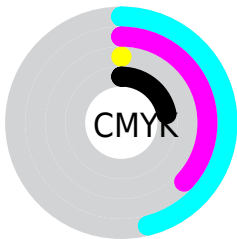
Blue (78%)



Red (42%)

Yellow (48%)

Blue (78%)

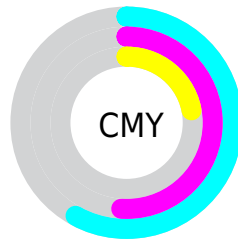


Cyan (46%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (58%)


Magenta (51%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 43.293, 288.275 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, 43.293, 288.275 by changing the saturation by 10% instead.


 54, 43.293,
288.275


 54, 43.293,
288.275


 100, 43.293,
288.275

 44, 43.293,
288.275


 74, 43.293,
288.275

 34, 43.293,
288.275

 84, 43.293,
288.275

 24, 43.293,
288.275

 94, 43.293,
288.275

 14, 43.293,
288.275

 4, 43.293, 288.275

 0, 43.293, 288.275

■ 54, 43.293,
288.275

■ 54, 43.293,
288.275

■ 48, 53.520,
290.675

■ 60, 33.421,
286.189

■ 43, 64.096,
293.370

■ 65, 23.881,
284.396

■ 38, 74.906,
296.281

■ 71, 14.645,
282.865

■ 33, 85.609,
299.237

■ 77, 5.686, 281.567

■ 83, 3.016, 100.361

■ 30, 95.492,
301.974

■ 88, 11.475, 99.426

■ 28, 98.608,
302.785

■ 94, 19.706, 98.587

■ 99, 27.282,
107.382

■ 99, 27.717,

Harmonies

Complementary

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



54, 43.293, 288.275



74, 40.512, 95.320

Rectangle

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



54, 43.293, 288.275



54, 43.293, 338.275



54, 43.293, 108.275



54, 43.293, 158.275

Sweetspot

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



54, 43.292, 288.275



90, 15.091, 282.547



75, 32.194, 178.700



47, 10.451, 282.851



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, 43.292, 288.275



61, 64.647, 290.755



52, 54.710, 305.260



39, 4.963, 281.918



23, 83.726, 302.408



2, 18.633, 286.211

Inverse Universe

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



56, 39.311, 9.913



66, 58.060, 12.303



77, 49.475, 119.166



39, 4.413, 4.549



34, 66.509, 29.381



3, 16.164, 9.481

Previews

White Background



This preview shows how the CIELCh color 54, 43.293, 288.275 looks on a white background.

Color Contrast Check

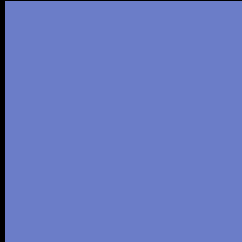
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.293, 288.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

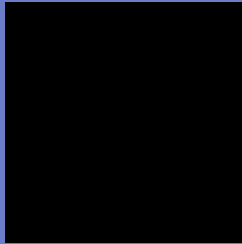
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.293, 288.275

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.293, 288.275.

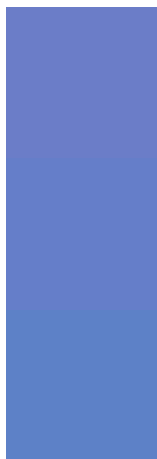


This preview shows how white text looks on a background with the CIELCh color 54, 43.293, 288.275.

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, 43.293, 288.275

Protanopia

54, 43.443, 285.807

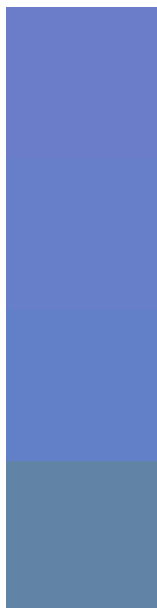
Deuteranopia

54, 40.988, 280.636



Tritanopia
54, 16.145, 221.393

Trichromacy



Original Color
54, 43.293, 288.275

Protanomaly
54, 43.379, 286.483

Deuteranomaly
54, 41.314, 283.019

Tritanomaly
54, 22.178, 261.710

Monochromacy



Original Color
54, 43.293, 288.275

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 15.736, 282.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.293, 288.275 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(107, 125, 200)` looks like.

```
.text, #text, p{  
    color:rgb(107, 125, 200)  
}
```

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(107, 125, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 125, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.293, 288.275 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(107, 125, 200) }
```

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

```
.border{ border-color:rgb(107, 125, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 125, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 125, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 125, 200);  
box-shadow:4px 4px 4px 4px rgb(107, 125,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.293, 288.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 125, 200) }
```

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

```
.background{ background-color: rgb(107,  
125, 200) }
```

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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