

Converting Colors

CIELCh(54, 25.779, 240.286)

Have a look what the booklet for
CIELCh(54, 25.779, 240.286)
contains.

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Color

CIELCh(54, 25.793, 240.535)

Conversions

Conversions Part 1

Format	Color
Hex	4489A7
RGB	68, 137, 167
RGB Percent	27%, 54%, 65%
CMY	0.7325, 0.4620, 0.3444
CMYK	0.59, 0.18, 0.00, 0.34
HSL	198°, 42%, 46%
HSV	198°, 59%, 66%
XYZ	18.3606, 21.9746, 39.9220
YIQ	119.7890, -50.7540, -5.2980

Conversions

Conversions Part 2

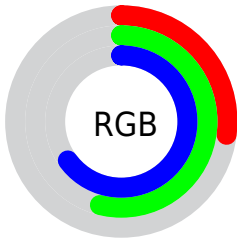
Format	Color
RYB	68, 109, 167
Decimal	4491687
CIELab	54.00, -12.69, -22.46
CIElCh	54, 25.793, 240.535
Yxy	21.9746, 0.2288, 0.2738
Android (android.graphics.Color)	4282681767 (0xFF4489A7)
YUV	119.7890, 23.2750, -45.4190
Hunter-Lab	46.8770, -12.1205, -17.6794

Details

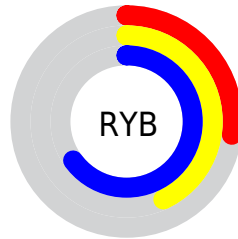
The CIELCh color `54, 25.793, 240.535` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `49, 38.156, 49.189`, and the grayscale version is `50, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 25.855, 240.749`, and `34, 24.994, 242.783` is the 20% darker color. If you saturate the color by 10%, you get `52, 28.795, 243.453`, and if you desaturate by 10%, it is `56, 22.336, 238.176`.

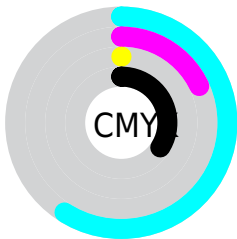
Distribution



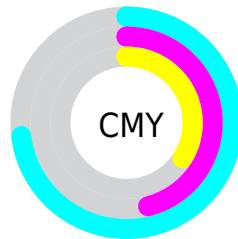
- Red (27%)
- Green (54%)
- Blue (65%)



- Red (27%)
- Yellow (43%)
- Blue (65%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)





- Cyan (73%)
- Magenta (46%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 25.793, 240.535 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, 25.793, 240.535 by changing the saturation by 10% instead.


 54, 25.793,
240.535


 54, 25.793,
240.535


 100, 25.793,
240.535


 44, 25.793,
240.535


 74, 25.793,
240.535

 34, 25.793,
240.535

 84, 25.793,
240.535

 24, 25.793,
240.535

 94, 25.793,
240.535

 14, 25.793,
240.535

 4, 25.793, 240.535

 0, 25.793, 240.535

■ 54, 25.793,
240.535

■ 54, 25.793,
240.535

■ 52, 28.795,
243.453

■ 56, 22.336,
238.176

■ 50, 31.361,
247.007

■ 59, 18.447,
236.291

■ 48, 33.562,
251.226

■ 61, 14.171,
234.796

■ 46, 35.580,
255.923

■ 64, 9.565, 233.622

■ 66, 4.686, 232.729

■ 46, 35.748,
256.286

■ 69, 0.409, 50.812

■ 71, 5.671, 51.225

■ 74, 11.058, 50.798

■ 77, 16.535, 50.443

Harmonies

Complementary

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



54, 25.793, 240.535



49, 38.156, 49.189

Rectangle

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



54, 25.793, 240.535



54, 25.793, 290.535



54, 25.793, 60.535



54, 25.793, 110.535

Sweetspot

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



54, 25.792, 240.534



81, 11.097, 233.532



61, 52.293, 148.408



42, 7.720, 233.827



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 25.792, 240.534



66, 35.951, 244.476



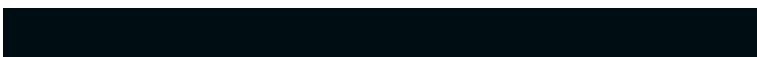
40, 48.220, 290.844



34, 2.896, 232.735



41, 32.516, 255.724



3, 5.420, 241.259

Inverse Universe

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



45, 52.209, 339.156



53, 73.169, 340.620



61, 43.885, 93.409



33, 5.199, 335.003



32, 61.580, 344.730



2, 8.920, 337.630

Previews

White Background



This preview shows how the CIE LCh color 54, 25.793, 240.535 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 CIE LCh color 54, 25.793, 240.535 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, 25.793, 240.535

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.793, 240.535.

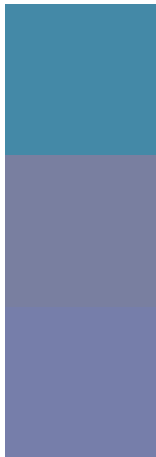


This preview shows how white text looks on a background with the CIELCh color 54, 25.793, 240.535.

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, 25.793, 240.535

Protanopia

54, 19.113, 286.146

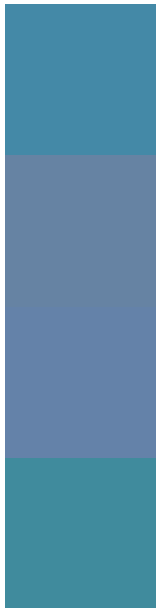
Deuteranopia

54, 25.471, 287.164



Tritanopia
54, 24.487, 212.442

Trichromacy



Original Color
54, 25.793, 240.535

Protanomaly
54, 20.447, 264.234

Deuteranomaly
54, 24.089, 269.155

Tritanomaly
54, 24.258, 223.111

Monochromacy



Original Color
54, 25.793, 240.535

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 10.940, 234.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.793, 240.535 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(68, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(68, 137, 167)  
}
```

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(68, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 137, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.793, 240.535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

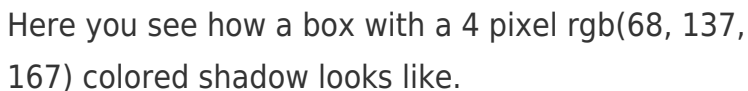
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(68, 137, 167) }
```

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

```
.border{ border-color:rgb(68, 137, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(68, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(68, 137,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.793, 240.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 137, 167) }
```

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

```
.background{ background-color: rgb(68, 137,  
167) }
```

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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