

Converting Colors

CIE LCh(54, 22.260, 224.235)

Have a look what the booklet for
CIELCh(54, 22.260, 224.235)
contains.

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Color

CIELCh(54, 22.125, 224.252)

Conversions

Conversions Part 1

Format	Color
Hex	498A9B
RGB	73, 138, 155
RGB Percent	29%, 54%, 61%
CMY	0.7135, 0.4587, 0.3920
CMYK	0.53, 0.11, 0.00, 0.39
HSL	192°, 36%, 45%
HSV	192°, 53%, 61%
XYZ	17.7649, 21.9746, 34.3337
YIQ	120.5030, -44.1970, -8.4930

Conversions

Conversions Part 2

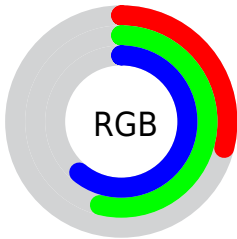
Format	Color
R_{YB}	73, 109, 155
Decimal	4819611
CIE _{Lab}	54.00, -15.85, -15.44
CIE _{LCh}	54, 22.125, 224.252
Yxy	21.9746, 0.2398, 0.2967
Android (android.graphics.Color)	4283009691 (0xFF498A9B)
YUV	120.5030, 17.0070, -41.6601
Hunter-Lab	46.8770, -14.3888, -10.6113

Details

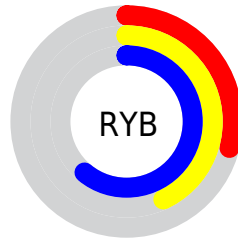
The CIELCh color `54, 22.125, 224.252` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `45, 32.735, 40.575`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 21.982, 222.987`, and `34, 22.130, 224.384` is the 20% darker color. If you saturate the color by 10%, you get `52, 24.882, 225.913`, and if you desaturate by 10%, it is `56, 18.822, 222.975`.

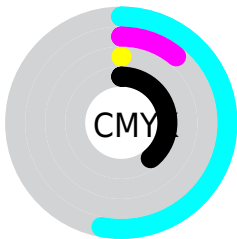
Distribution



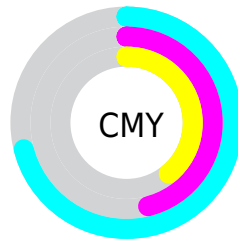
- Red (29%)
- Green (54%)
- Blue (61%)



- Red (29%)
- Yellow (43%)
- Blue (61%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)





- Cyan (71%)
- Magenta (46%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.125, 224.252 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, 22.125, 224.252 by changing the saturation by 10% instead.


 54, 22.125,
224.252


 54, 22.125,
224.252


 100, 22.125,
224.252

 44, 22.125,
224.252


 74, 22.125,
224.252


 34, 22.125,
224.252

 84, 22.125,
224.252

 24, 22.125,
224.252

 94, 22.125,
224.252

 14, 22.125,
224.252

 4, 22.125, 224.252

 0, 22.125, 224.252

■ 54, 22.125,
224.252

■ 54, 22.125,
224.252

■ 52, 24.882,
225.913

■ 56, 18.822,
222.975

■ 51, 27.061,
228.043

■ 57, 15.032,
222.017

■ 50, 28.665,
230.721

■ 59, 10.825,
221.316

■ 48, 29.750,
234.008

■ 61, 6.272, 220.833

■ 63, 1.440, 220.716

■ 48, 30.372,
236.559

■ 66, 3.610, 40.048

■ 68, 8.825, 39.984

■ 70, 14.162, 39.939

■ 72, 19.583, 39.940

Harmonies

Complementary

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



54, 22.125, 224.252



45, 32.735, 40.575

Rectangle

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



54, 22.125, 224.252



54, 22.125, 274.252



54, 22.125, 44.252



54, 22.125, 94.252

Sweetspot

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



54, 22.124, 224.250



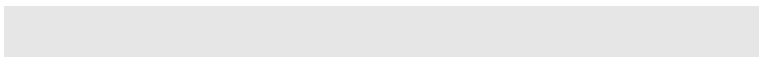
77, 9.550, 220.974



58, 47.977, 145.832



40, 6.464, 221.064



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 22.124, 224.250



67, 30.607, 226.170



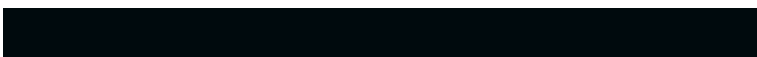
42, 35.033, 283.118



31, 2.746, 220.713



43, 28.200, 236.172



2, 3.016, 221.907

Inverse Universe

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



44, 47.571, 334.284



52, 67.693, 335.138



56, 34.351, 86.952



30, 5.143, 331.318



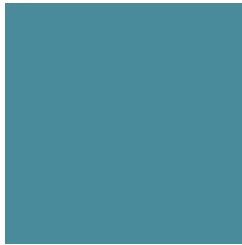
31, 63.296, 338.326



1, 5.471, 331.256

Previews

White Background



This preview shows how the CIELCh color 54, 22.125, 224.252 looks on a white background.

Color Contrast Check

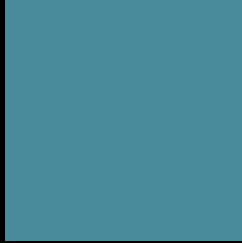
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.125, 224.252 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, 22.125, 224.252

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.125, 224.252.



This preview shows how white text looks on a background with the CIELCh color 54, 22.125, 224.252.

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, 22.125, 224.252

Protanopia

54, 12.139, 288.171

Deuteranopia

54, 18.489, 292.413



Tritanopia
54, 22.164, 214.279

Trichromacy



Original Color
54, 22.125, 224.252

Protanomaly
54, 14.238, 253.472

Deuteranomaly
54, 17.207, 264.641

Tritanomaly
54, 22.085, 217.583

Monochromacy



Original Color
54, 22.125, 224.252

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 9.138, 221.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.125, 224.252 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(73, 138, 155)` looks like.

```
.text, #text, p{  
    color:rgb(73, 138, 155)  
}
```

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(73, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 138, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.125, 224.252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

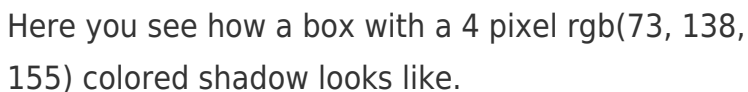
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 138, 155) }
```

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

```
.border{ border-color:rgb(73, 138, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(73, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(73, 138,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.125, 224.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 138, 155) }
```

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

```
.background{ background-color: rgb(73, 138,  
155) }
```

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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