

Converting Colors

CIELCh(54, 19.675, 289.763)

Have a look what the booklet for
CIELCh(54, 19.675, 289.763)
contains.

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Color

CIELCh(54, 19.622, 289.449)

Conversions

Conversions Part 1

Format	Color
Hex	7C7FA1
RGB	124, 127, 161
RGB Percent	49%, 50%, 63%
CMY	0.5144, 0.5026, 0.3693
CMYK	0.23, 0.21, 0.00, 0.37
HSL	235°, 16%, 56%
HSV	235°, 23%, 63%
XYZ	22.2725, 21.9746, 36.7040
YIQ	129.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

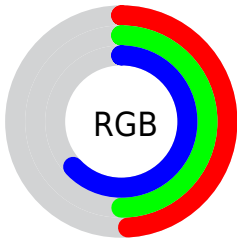
Format	Color
R_{YB}	124, 127, 161
Decimal	8159137
CIE _{Lab}	54.00, 6.53, -18.50
CIE _{LCh}	54, 19.622, 289.449
Yxy	21.9746, 0.2751, 0.2715
Android (android.graphics.Color)	4286349217 (0xFF7C7FA1)
YUV	129.9790, 15.2934, -5.2436
Hunter-Lab	46.8770, 2.7754, -13.6092

Details

The CIELCh color $54, 19.622, 289.449$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $64, 18.788, 104.355$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 19.508, 289.012$, and $34, 19.467, 289.144$ is the 20% darker color. If you saturate the color by 10%, you get $49, 28.692, 290.987$, and if you desaturate by 10%, it is $59, 10.891, 288.135$.

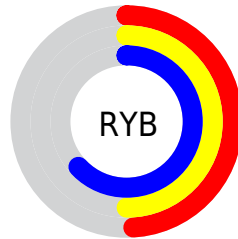
Distribution



Red (49%)

Green (50%)

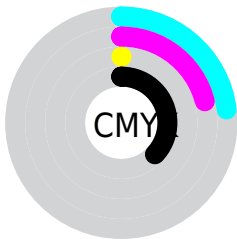
Blue (63%)



Red (49%)

Yellow (50%)

Blue (63%)

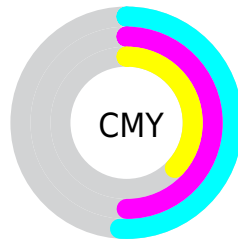


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (50%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 19.622, 289.449 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, 19.622, 289.449 by changing the saturation by 10% instead.

 54, 19.622,
289.449

 54, 19.622,
289.449


 100, 19.622,
289.449

 44, 19.622,
289.449


 74, 19.622,
289.449

 34, 19.622,
289.449

 84, 19.622,
289.449

 24, 19.622,
289.449

 94, 19.622,
289.449

 14, 19.622,
289.449

 4, 19.622, 289.449

 0, 19.622, 289.449

■ 54, 19.622,
289.449

■ 54, 19.622,
289.449

■ 49, 28.692,
290.987

■ 59, 10.891,
288.135

■ 43, 38.127,
292.779

■ 65, 2.476, 287.037

■ 70, 5.647, 106.026

■ 38, 47.934,
294.835

■ 75, 13.501,
105.208

■ 33, 58.054,
297.133

■ 80, 21.101,
104.497

■ 28, 68.278,
299.581

■ 85, 28.465,
103.879

■ 24, 78.077,
301.990


■ 90, 35.605,
103.340

■ 21, 86.461,
304.077

■ 95, 42.535,
102.866

■ 19, 90.882,

305.116

 98, 46.965,
106.587

Harmonies

Complementary

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



54, 19.622, 289.449



64, 18.788, 104.355

Rectangle

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



54, 19.622, 289.449



54, 19.622, 339.449



54, 19.622, 109.449



54, 19.622, 159.449

Sweetspot

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



54, 19.621, 289.448



79, 7.189, 287.460



63, 13.512, 190.872



41, 4.666, 287.519



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 19.621, 289.448



66, 29.886, 290.268



55, 22.150, 307.300



32, 4.765, 287.699



17, 83.994, 304.984



1, 7.368, 287.052

Inverse Universe

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



56, 15.321, 14.742



68, 23.498, 15.416



64, 21.352, 124.995



32, 3.645, 13.339



30, 65.280, 35.906



1, 5.503, 13.309

Previews

White Background



This preview shows how the CIELCh color 54, 19.622, 289.449 looks on a white background.

Color Contrast Check

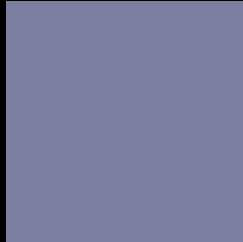
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.622, 289.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

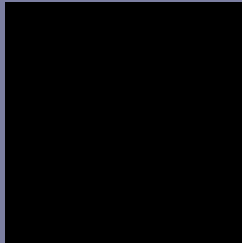
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

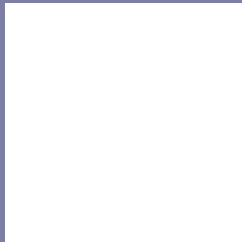
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 19.622, 289.449

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.622, 289.449.



This preview shows how white text looks on a background with the CIELCh color 54, 19.622, 289.449.

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

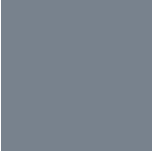
54, 19.622, 289.449

Protanopia

54, 19.120, 285.094

Deuteranopia

54, 20.212, 291.614



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 19.622, 289.449

Protanomaly
54, 19.087, 286.125

Deuteranomaly
54, 20.212, 291.614

Tritanomaly
54, 11.272, 276.414

Monochromacy



Original Color
54, 19.622, 289.449

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.921, 287.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.622, 289.449 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(124, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(124, 127, 161)  
}
```

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(124, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 127, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.622, 289.449 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(124, 127, 161) }
```

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

```
.border{ border-color:rgb(124, 127, 161) }
```

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

Here you see how a box with a 4 pixel rgb(124, 127, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 127, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 127, 161);  
box-shadow:4px 4px 4px 4px rgb(124, 127,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.622, 289.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 127, 161) }
```

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

```
.background{ background-color: rgb(124,  
127, 161) }
```

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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