

Converting Colors

CIELCh(54, 22.381, 170.538)

Have a look what the booklet for
CIELCh(54, 22.381, 170.538)
contains.

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Color

CIELCh(54, 22.041, 170.768)

Conversions

Conversions Part 1

Format	Color
Hex	568B7A
RGB	86, 139, 122
RGB Percent	34%, 55%, 48%
CMY	0.6614, 0.4535, 0.5202
CMYK	0.38, 0.00, 0.12, 0.45
HSL	161°, 23%, 44%
HSV	161°, 38%, 55%
XYZ	16.6862, 21.9746, 21.8845
YIQ	121.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

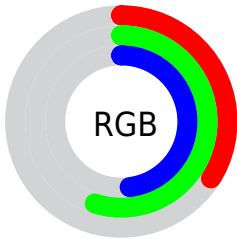
Format	Color
R_{YB}	86, 118, 139
Decimal	5671802
CIE _{Lab}	54.00, -21.76, 3.54
CIE _{LCh}	54, 22.041, 170.768
Yxy	21.9746, 0.2756, 0.3629
Android (android.graphics.Color)	4283861882 (0xFF568B7A)
YUV	121.2150, 0.3870, -30.8836
Hunter-Lab	46.8770, -18.4966, 5.1344

Details

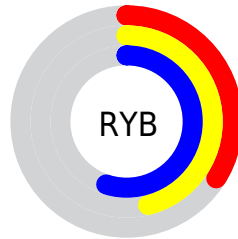
The CIELCh color $54, 22.041, 170.768$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43, 24.398, 358.813$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 22.261, 170.115$, and $34, 22.385, 169.741$ is the 20% darker color. If you saturate the color by 10%, you get $53, 27.209, 169.547$, and if you desaturate by 10%, it is $55, 16.528, 171.879$.

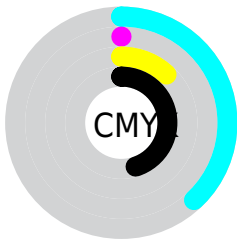
Distribution



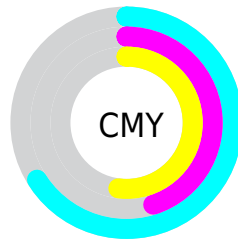
- Red (34%)
- Green (55%)
- Blue (48%)



- Red (34%)
- Yellow (46%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 22.041, 170.768 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, 22.041, 170.768 by changing the saturation by 10% instead.

 54, 22.041,
170.768

 54, 22.041,
170.768

 100, 22.041,
170.768


 44, 22.041,
170.768

 74, 22.041,
170.768

 34, 22.041,
170.768

 84, 22.041,
170.768

 24, 22.041,
170.768

 94, 22.041,
170.768

 14, 22.041,
170.768

 4, 22.041, 170.768

 0, 22.041, 170.768

■ 54, 22.041,
170.768

■ 54, 22.041,
170.768

■ 53, 27.209,
169.547

■ 55, 16.528,
171.879

■ 53, 31.935,
168.198

■ 56, 10.762,
172.907

■ 52, 36.141,
166.697

■ 57, 4.831, 173.889

■ 52, 39.769,
165.022

■ 58, 1.187, 354.388

■ 60, 7.227, 355.467

■ 51, 42.802,
163.157

■ 61, 13.240,
356.270

■ 51, 45.352,
161.158

■ 63, 19.186,
357.020

■ 51, 45.844,
160.784

■ 64, 25.037,
357.731

■ 66, 30.774,
358.409

Harmonies

Complementary

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



54, 22.041, 170.768



43, 24.398, 358.813

Rectangle

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



54, 22.041, 170.768



54, 22.041, 220.768



54, 22.041, 350.768



54, 22.041, 40.768

Sweetspot

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



54, 22.042, 170.766



72, 8.169, 173.574



54, 33.380, 132.903



38, 5.528, 173.460



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 22.042, 170.766



68, 32.346, 169.681



52, 15.940, 216.930



29, 3.356, 173.779



49, 44.142, 160.896



1, 1.568, 174.536

Inverse Universe

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



43, 24.398, 358.813



52, 36.671, 0.283



45, 20.842, 36.216



27, 3.437, 355.297



27, 53.065, 17.488



0, 1.569, 354.523

Previews

White Background



This preview shows how the CIE LCh color 54, 22.041, 170.768 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, 22.041, 170.768 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, 22.041, 170.768

Background



This preview shows how black text looks on a background with the CIELCh color 54, 22.041, 170.768.

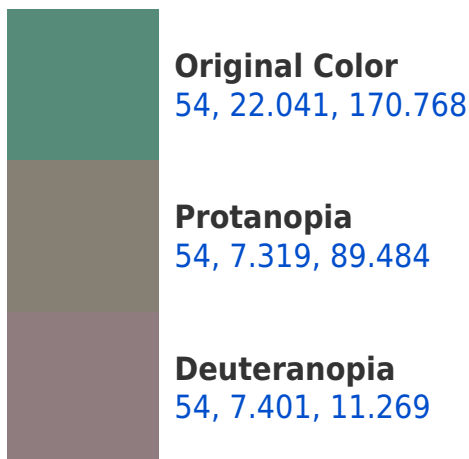


This preview shows how white text looks on a background with the CIELCh color 54, 22.041, 170.768.

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





Tritanopia
54, 16.145, 221.393

Trichromacy



Original Color
54, 22.041, 170.768

Protanomaly
54, 10.109, 145.637

Deuteranomaly
54, 4.311, 157.112

Tritanomaly
54, 16.570, 199.817

Monochromacy



Original Color
54, 22.041, 170.768

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 8.257, 173.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 22.041, 170.768 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(86, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(86, 139, 122)  
}
```

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(86, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 139, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 22.041, 170.768 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(86, 139, 122) }
```

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

```
.border{ border-color:rgb(86, 139, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 139, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(86, 139,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 22.041, 170.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 139, 122) }
```

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

```
.background{ background-color: rgb(86, 139,  
122) }
```

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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