

Converting Colors

CIELCh(54, 20.525, 163.225)

Have a look what the booklet for
CIELCh(54, 20.525, 163.225)
contains.

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Color

CIELCh(54, 20.521, 163.221)

Conversions

Conversions Part 1

Format	Color
Hex	5E8A76
RGB	94, 138, 118
RGB Percent	37%, 54%, 46%
CMY	0.6302, 0.4576, 0.5361
CMYK	0.32, 0.00, 0.14, 0.46
HSL	153°, 19%, 46%
HSV	153°, 32%, 54%
XYZ	17.0660, 21.9746, 20.5734
YIQ	122.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

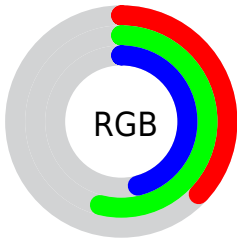
Format	Color
R_{YB}	94, 122, 138
Decimal	6195830
CIE Lab	54.00, -19.65, 5.92
CIE LCh	54, 20.521, 163.221
Yxy	21.9746, 0.2863, 0.3686
Android (android.graphics.Color)	4284385910 (0xFF5E8A76)
YUV	122.5640, -2.2501, -25.0506
Hunter-Lab	46.8770, -17.0505, 6.7927

Details

The CIELCh color $54, 20.521, 163.221$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 21.518, 349.200$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.681, 162.683$, and $34, 20.653, 163.549$ is the 20% darker color. If you saturate the color by 10%, you get $53, 26.635, 162.065$, and if you desaturate by 10%, it is $55, 14.181, 164.259$.

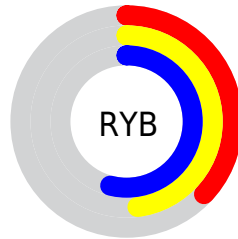
Distribution



Red (37%)

Green (54%)

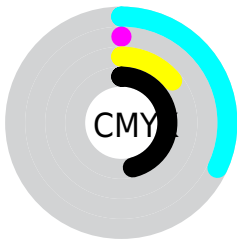
Blue (46%)



Red (37%)

Yellow (48%)

Blue (54%)

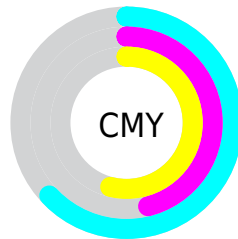


Cyan (32%)

Magenta (0%)

Yellow (14%)

Black (46%)



Cyan (63%)


Magenta (46%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 20.521, 163.221 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, 20.521, 163.221 by changing the saturation by 10% instead.


 54, 20.521,
163.221


 54, 20.521,
163.221


 100, 20.521,
163.221

 44, 20.521,
163.221


 74, 20.521,
163.221

 34, 20.521,
163.221

 84, 20.521,
163.221

 24, 20.521,
163.221

 94, 20.521,
163.221

 14, 20.521,
163.221

 4, 20.521, 163.221

 0, 20.521, 163.221

■ 54, 20.521,
163.221

■ 54, 20.521,
163.221

■ 53, 26.635,
162.065

■ 55, 14.181,
164.259

■ 52, 32.416,
160.773

■ 56, 7.708, 165.211

■ 57, 1.184, 166.290

■ 52, 37.765,
159.318

■ 59, 5.323, 346.738

■ 51, 42.594,
157.681

■ 60, 11.760,
347.492

■ 51, 46.844,
155.845

■ 62, 18.087,
348.173

■ 51, 50.501,
153.810

■ 63, 24.279,
348.806

■ 50, 53.218,
152.132

■ 65, 30.317,
349.400

■ 67, 36.192,
349.960

Harmonies

Complementary

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



54, 20.521, 163.221



45, 21.518, 349.200

Rectangle

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



54, 20.521, 163.221



54, 20.521, 213.221



54, 20.521, 343.221



54, 20.521, 33.221

Sweetspot

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



54, 20.522, 163.220



72, 8.124, 165.358



55, 26.797, 128.810



38, 5.586, 165.244



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, 20.522, 163.220



69, 30.280, 162.423



54, 15.172, 201.166



29, 3.666, 165.457



48, 51.517, 152.232



1, 1.706, 166.174

Inverse Universe

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



45, 21.518, 349.200



56, 32.058, 350.059



45, 18.814, 24.480



27, 3.720, 346.883



28, 51.977, 4.930



0, 1.706, 346.163

Previews

White Background



This preview shows how the CIELCh color 54, 20.521, 163.221 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, 20.521, 163.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

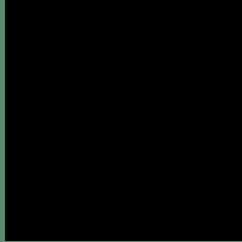
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 20.521, 163.221

Background



This preview shows how black text looks on a background with the CIELCh color 54, 20.521, 163.221.

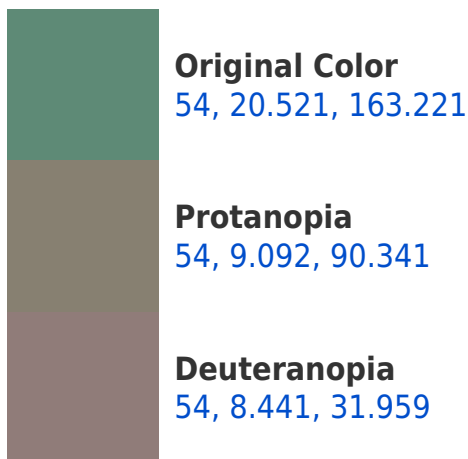



This preview shows how white text looks on a background with the CIELCh color 54, 20.521, 163.221.

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, 13.380, 226.883

Trichromacy



Original Color
54, 20.521, 163.221

Protanomaly
54, 10.949, 135.388

Deuteranomaly
53, 5.326, 122.697

Tritanomaly
54, 13.879, 195.648

Monochromacy



Original Color
54, 20.521, 163.221

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.892, 162.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 20.521, 163.221 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(94, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(94, 138, 118)  
}
```

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(94, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 138, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 20.521, 163.221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

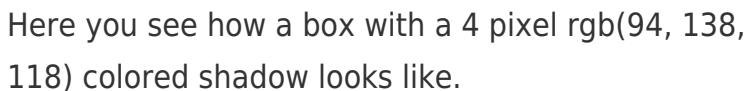
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 138, 118) }
```

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

```
.border{ border-color:rgb(94, 138, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 138,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 20.521, 163.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 138, 118) }
```

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

```
.background{ background-color: rgb(94, 138,  
118) }
```

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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