

Converting Colors

CIELCh(54, 30.368, 321.569)

Have a look what the booklet for
CIELCh(54, 30.368, 321.569)
contains.

CIELCh(54, 30.161, 321.499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 30.161, 321.499)

Conversions

Conversions Part 1

Format	Color
Hex	9B74A2
RGB	155, 116, 162
RGB Percent	61%, 45%, 64%
CMY	0.3932, 0.5461, 0.3657
CMYK	0.04, 0.28, 0.00, 0.37
HSL	291°, 20%, 54%
HSV	291°, 28%, 63%
XYZ	26.1814, 21.9746, 36.9209
YIQ	132.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

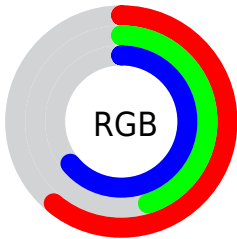
Format	Color
R _Y B	155, 116, 162
Decimal	10187938
CIE Lab	54.00, 23.60, -18.78
CIE LCh	54, 30.161, 321.499
Yxy	21.9746, 0.3077, 0.2583
Android (android.graphics.Color)	4288378018 (0xFF9B74A2)
YUV	132.9050, 14.3438, 19.3773
Hunter-Lab	46.8770, 17.6597, -13.8836

Details

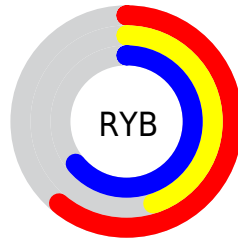
The CIELCh color $54, 30.161, 321.499$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 29.881, 138.679$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 30.459, 321.537$, and $34, 30.136, 321.576$ is the 20% darker color. If you saturate the color by 10%, you get $50, 40.706, 321.929$, and if you desaturate by 10%, it is $58, 19.482, 321.045$.

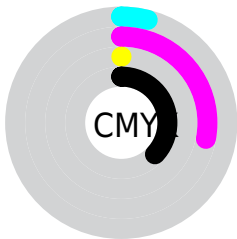
Distribution



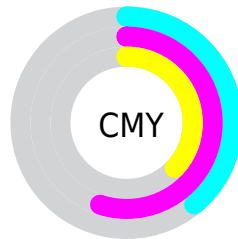
- Red (61%)
- Green (45%)
- Blue (64%)



- Red (61%)
- Yellow (45%)
- Blue (64%)



- Cyan (4%)
- Magenta (28%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 30.161, 321.499 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, 30.161, 321.499 by changing the saturation by 10% instead.

 54, 30.161,
321.499

 54, 30.161,
321.499

 100, 30.161,
321.499

 44, 30.161,
321.499


 74, 30.161,
321.499

 34, 30.161,
321.499

 84, 30.161,
321.499

 24, 30.161,
321.499

 94, 30.161,
321.499

 14, 30.161,
321.499

 4, 30.161, 321.499

 0, 30.161, 321.499

54, 30.161,
321.499

54, 30.161,
321.499

50, 40.706,
321.929

58, 19.482,
321.045

46, 50.870,
322.315

63, 8.851, 320.578

67, 1.621, 140.269

43, 60.306,
322.628

72, 11.864,
139.737

40, 68.591,
322.835

76, 21.840,
139.320

37, 75.275,
322.900

81, 31.533,
138.932

35, 79.985,
322.792


86, 40.937,
138.572

34, 82.817,
322.515

90, 50.058,
138.240

34, 83.226,

322.471

 93, 55.304,
137.782

Harmonies

Complementary

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



54, 30.161, 321.499



63, 29.881, 138.679

Rectangle

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



54, 30.161, 321.499



54, 30.161, 11.499



54, 30.161, 141.499



54, 30.161, 191.499

Sweetspot

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



54, 30.159, 321.499



79, 11.652, 320.613



52, 22.306, 286.117



41, 8.089, 320.678



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, 30.159, 321.499



66, 44.445, 321.769



54, 24.969, 337.750



32, 5.986, 320.619



30, 76.946, 322.520



1, 9.141, 319.032

Inverse Universe

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



54, 19.444, 9.924



65, 29.086, 10.821



63, 24.646, 153.391



32, 3.698, 7.705



30, 62.435, 31.743



1, 5.587, 8.095

Previews

White Background



This preview shows how the CIELCh color 54, 30.161, 321.499 looks on a white background.

Color Contrast Check

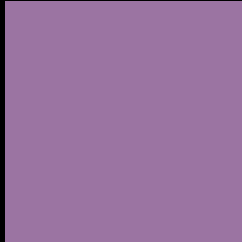
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.161, 321.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

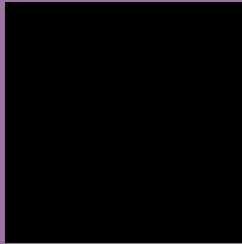
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 30.161, 321.499

Background



This preview shows how black text looks on a background with the CIELCh color 54, 30.161, 321.499.



This preview shows how white text looks on a background with the CIELCh color 54, 30.161, 321.499.

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, 30.161, 321.499

Protanopia

54, 24.330, 285.103

Deuteranopia

54, 19.038, 292.464



Tritanopia
54, 12.409, 356.289

Trichromacy



Original Color
54, 30.161, 321.499

Protanomaly
54, 25.015, 298.742

Deuteranomaly
54, 22.615, 305.677

Tritanomaly
54, 17.803, 336.249

Monochromacy



Original Color
54, 30.161, 321.499

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 10.727, 321.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 30.161, 321.499 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(155, 116, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 116, 162)  
}
```

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(155, 116, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 116, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 30.161, 321.499 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(155, 116, 162) }
```

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

```
.border{ border-color:rgb(155, 116, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 116, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 116, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 116, 162);  
box-shadow:4px 4px 4px 4px rgb(155, 116,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 30.161, 321.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 116, 162) }
```

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

```
.background{ background-color: rgb(155,  
116, 162) }
```

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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