

Converting Colors

CIELCh(54, 30.799, 322.088)

Have a look what the booklet for
CIELCh(54, 30.799, 322.088)
contains.

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Color

CIELCh(54, 31.006, 322.262)

Conversions

Conversions Part 1

Format	Color
Hex	9C73A2
RGB	156, 115, 162
RGB Percent	61%, 45%, 64%
CMY	0.3878, 0.5486, 0.3643
CMYK	0.04, 0.29, 0.00, 0.36
HSL	292°, 20%, 54%
HSV	292°, 29%, 64%
XYZ	26.4032, 21.9746, 37.0809
YIQ	132.6170, 9.3490, 23.3090

Conversions

Conversions Part 2

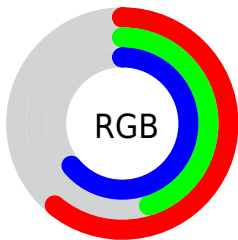
Format	Color
R_{YB}	156, 115, 162
Decimal	10253218
CIE _{Lab}	54.00, 24.52, -18.98
CIE _{LCh}	54, 31.006, 322.262
Yxy	21.9746, 0.3090, 0.2571
Android (android.graphics.Color)	4288443298 (0xFF9C73A2)
YUV	132.6170, 14.4858, 20.5069
Hunter-Lab	46.8770, 18.5043, -14.0860

Details

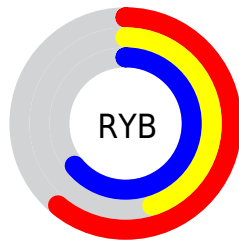
The CIELCh color $54, 31.006, 322.262$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 30.767, 139.298$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 31.274, 322.238$, and $34, 30.999, 322.416$ is the 20% darker color. If you saturate the color by 10%, you get $50, 41.585, 322.699$, and if you desaturate by 10%, it is $58, 20.257, 321.800$.

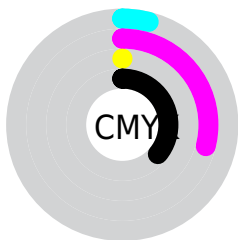
Distribution



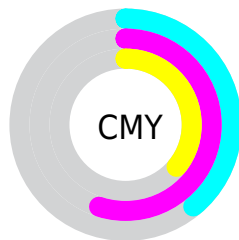
- Red (61%)
- Green (45%)
- Blue (64%)



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



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)





- Cyan (39%)
- Magenta (55%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 31.006, 322.262 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, 31.006, 322.262 by changing the saturation by 10% instead.


 54, 31.006,
322.262


 54, 31.006,
322.262


 100, 31.006,
322.262


 44, 31.006,
322.262


 74, 31.006,
322.262

 34, 31.006,
322.262

 84, 31.006,
322.262

 24, 31.006,
322.262

 94, 31.006,
322.262

 14, 31.006,
322.262

 4, 31.006, 322.262

 0, 31.006, 322.262

54, 31.006,
322.262

54, 31.006,
322.262

50, 41.585,
322.699

58, 20.257,
321.800

46, 51.731,
323.089

63, 9.533, 321.324

67, 1.046, 141.071

43, 61.088,
323.407

72, 11.402,
140.457

40, 69.228,
323.622

76, 21.492,
140.024

38, 75.713,
323.702

81, 31.295,
139.621

36, 80.200,
323.620


86, 40.806,
139.245

35, 82.879,
323.390

90, 50.028,
138.897

35, 83.130,

323.366

 93, 55.551,
138.482

Harmonies

Complementary

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



54, 31.006, 322.262



63, 30.767, 139.298

Rectangle

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



54, 31.006, 322.262



54, 31.006, 12.262



54, 31.006, 142.262



54, 31.006, 192.262

Sweetspot

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



54, 31.004, 322.262



80, 11.852, 321.332



52, 23.720, 287.914



42, 8.310, 321.400



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 31.004, 322.262



66, 46.449, 322.557



54, 24.944, 339.336



32, 6.029, 321.337



31, 76.732, 323.409



1, 9.222, 319.901

Inverse Universe

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



53, 19.842, 11.889



65, 30.269, 12.862



63, 24.536, 154.727



32, 3.675, 9.634



30, 63.441, 33.327



1, 5.553, 9.880

Previews

White Background



This preview shows how the CIELCh color 54, 31.006, 322.262 looks on a white background.

Color Contrast Check

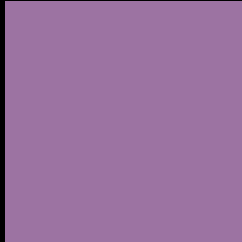
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.006, 322.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

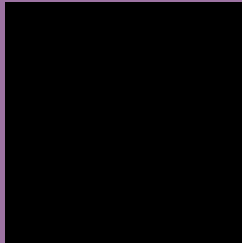
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 31.006, 322.262

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.006, 322.262.



This preview shows how white text looks on a background with the CIELCh color 54, 31.006, 322.262.

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, 31.006, 322.262

Protanopia

54, 24.933, 284.634

Deuteranopia

54, 19.035, 291.397



Tritanopia
54, 13.753, 356.409

Trichromacy



Original Color
54, 31.006, 322.262

Protanomaly
54, 26.228, 299.363

Deuteranomaly
54, 22.615, 305.677

Tritanomaly
54, 18.757, 336.815

Monochromacy



Original Color
54, 31.006, 322.262

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.921, 320.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.006, 322.262 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(156, 115, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 115, 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(156, 115, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 115, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.006, 322.262 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(156, 115, 162) }
```

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

```
.border{ border-color:rgb(156, 115, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 115, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 115, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 115, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 115,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.006, 322.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 115, 162) }
```

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

```
.background{ background-color: rgb(156,  
115, 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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