

Converting Colors

CIELCh(54, 25.330, 306.300)

Have a look what the booklet for
CIELCh(54, 25.330, 306.300)
contains.

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Color

CIELCh(54, 25.031, 306.238)

Conversions

Conversions Part 1

Format	Color
Hex	8A7AA4
RGB	138, 122, 164
RGB Percent	54%, 48%, 64%
CMY	0.4591, 0.5219, 0.3572
CMYK	0.16, 0.26, 0.00, 0.36
HSL	263°, 19%, 56%
HSV	263°, 26%, 64%
XYZ	24.1121, 21.9746, 38.0546
YIQ	131.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

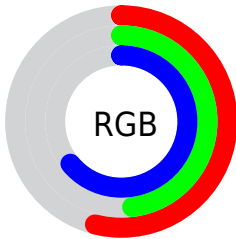
Format	Color
R_{YB}	138, 122, 164
Decimal	9075364
CIE _{Lab}	54.00, 14.80, -20.19
CIE _{LCh}	54, 25.031, 306.238
Yxy	21.9746, 0.2866, 0.2612
Android (android.graphics.Color)	4287265444 (0xFF8A7AA4)
YUV	131.5720, 15.9870, 5.6374
Hunter-Lab	46.8770, 9.7803, -15.3175

Details

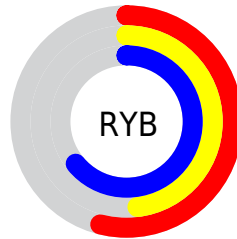
The CIELCh color $54, 25.031, 306.238$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $65, 23.954, 123.507$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 25.301, 306.608$, and $34, 25.140, 306.039$ is the 20% darker color. If you saturate the color by 10%, you get $49, 35.310, 306.903$, and if you desaturate by 10%, it is $59, 15.022, 305.627$.

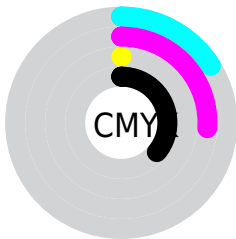
Distribution



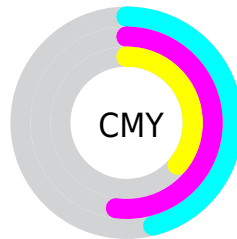
- Red (54%)
- Green (48%)
- Blue (64%)



- Red (54%)
- Yellow (48%)
- Blue (64%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)




- Cyan (46%)
- Magenta (52%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 25.031, 306.238 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, 25.031, 306.238 by changing the saturation by 10% instead.


 54, 25.031,
306.238

 54, 25.031,
306.238


 100, 25.031,
306.238

 44, 25.031,
306.238


 74, 25.031,
306.238

 34, 25.031,
306.238

 84, 25.031,
306.238

 24, 25.031,
306.238

 94, 25.031,
306.238

 14, 25.031,
306.238

 4, 25.031, 306.238

 0, 25.031, 306.238

54, 25.031,
306.238

54, 25.031,
306.238

49, 35.310,
306.903

59, 15.022,
305.627

44, 45.785,
307.610

64, 5.321, 305.073

70, 4.067, 124.617

39, 56.292,
308.328

75, 13.145,
124.179

34, 66.533,
309.000

80, 21.925,
123.805

30, 76.004,
309.536

85, 30.423,
123.481

26, 83.966,
309.810


90, 38.652,
123.202

24, 89.629,
309.688

95, 46.630,
122.961

23, 91.807,

309.629

 96, 46.652,
119.001

Harmonies

Complementary

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



54, 25.031, 306.238



65, 23.954, 123.507

Rectangle

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



54, 25.031, 306.238



54, 25.031, 356.238



54, 25.031, 126.238



54, 25.031, 176.238

Sweetspot

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



54, 25.030, 306.237



81, 9.455, 305.209



60, 12.554, 242.872



42, 6.723, 305.288



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, 25.030, 306.237



66, 37.993, 306.629



56, 27.592, 321.940



32, 5.367, 305.269



20, 83.956, 309.735



1, 8.192, 303.481

Inverse Universe

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



56, 22.017, 339.724



69, 33.140, 340.253



64, 27.389, 139.370



32, 4.794, 338.387



31, 58.205, 350.676



1, 7.104, 340.440

Previews

White Background



This preview shows how the CIELCh color 54, 25.031, 306.238 looks on a white background.

Color Contrast Check

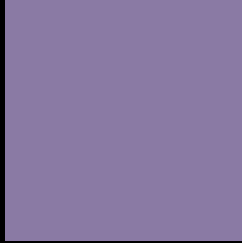
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.031, 306.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

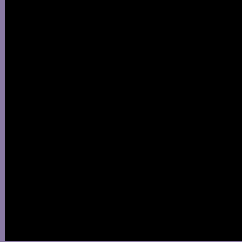
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 25.031, 306.238

Background



This preview shows how black text looks on a background with the CIELCh color 54, 25.031, 306.238.



This preview shows how white text looks on a background with the CIELCh color 54, 25.031, 306.238.

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, 25.031, 306.238

Protanopia

54, 23.200, 284.521

Deuteranopia

54, 20.769, 289.772



Tritanopia
54, 6.256, 312.758

Trichromacy



Original Color
54, 25.031, 306.238

Protanomaly
54, 23.658, 292.170

Deuteranomaly
54, 22.030, 296.484

Tritanomaly
54, 13.315, 308.162

Monochromacy



Original Color
54, 25.031, 306.238

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 8.978, 306.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 25.031, 306.238 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(138, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(138, 122, 164)  
}
```

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(138, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 122, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 25.031, 306.238 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(138, 122, 164) }
```

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

```
.border{ border-color:rgb(138, 122, 164) }
```

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

Here you see how a box with a 4 pixel rgb(138, 122, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 122, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 122, 164);  
box-shadow:4px 4px 4px 4px rgb(138, 122,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 25.031, 306.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 122, 164) }
```

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

```
.background{ background-color: rgb(138,  
122, 164) }
```

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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