

Converting Colors

CIELCh(54, 13.008, 355.547)

Have a look what the booklet for
CIELCh(54, 13.008, 355.547)
contains.

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Color

CIELCh(54, 13.382, 355.616)

Conversions

Conversions Part 1

Format	Color
Hex	977983
RGB	151, 121, 131
RGB Percent	59%, 47%, 51%
CMY	0.4069, 0.5246, 0.4854
CMYK	0.00, 0.20, 0.13, 0.41
HSL	340°, 13%, 53%
HSV	340°, 20%, 59%
XYZ	23.7814, 21.9746, 24.5401
YIQ	131.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

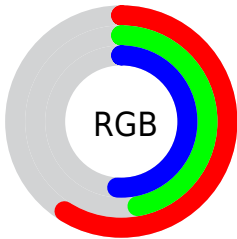
Format	Color
R_{YB}	151, 121, 131
Decimal	9927043
CIE _{Lab}	54.00, 13.34, -1.02
CIE _{LCh}	54, 13.382, 355.616
Yxy	21.9746, 0.3383, 0.3126
Android (android.graphics.Color)	4288117123 (0xFF977983)
YUV	131.1100, -0.0542, 17.4435
Hunter-Lab	46.8770, 8.5208, 1.7756

Details

The CIELCh color $54, 13.382, 355.616$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 12.734, 171.886$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 13.818, 355.230$, and $34, 13.736, 354.839$ is the 20% darker color. If you saturate the color by 10%, you get $50, 20.406, 356.838$, and if you desaturate by 10%, it is $58, 6.523, 354.546$.

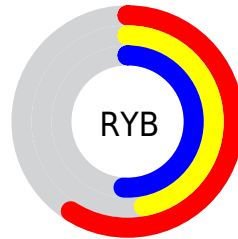
Distribution



Red (59%)

Green (47%)

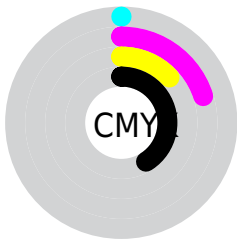
Blue (51%)



Red (59%)

Yellow (47%)

Blue (51%)

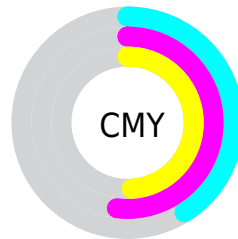


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (41%)



Cyan (41%)


Magenta (52%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 13.382, 355.616 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, 13.382, 355.616 by changing the saturation by 10% instead.


 54, 13.382,
355.616


 54, 13.382,
355.616


 100, 13.382,
355.616


 44, 13.382,
355.616


 74, 13.382,
355.616

 34, 13.382,
355.616

 84, 13.382,
355.616

 24, 13.382,
355.616

 94, 13.382,
355.616

 14, 13.382,
355.616

 4, 13.382, 355.616

 0, 13.382, 355.616

54, 13.382,
355.616

54, 13.382,
355.616

50, 20.406,
356.838

58, 6.523, 354.546

46, 27.481,
358.268

63, 0.099, 177.526

67, 6.455, 172.930

42, 34.419,
359.986

71, 12.540,
172.169

39, 40.961, 2.096

76, 18.359,
171.496

36, 46.795, 4.733

80, 23.929,
170.886

34, 51.626, 8.060

32, 55.301, 12.228

85, 29.267,
170.327

31, 58.254, 17.015

89, 34.393,
169.813

31, 58.304, 17.088

 93, 38.122,
170.425

Harmonies

Complementary

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



54, 13.382, 355.616



60, 12.734, 171.886

Rectangle

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



54, 13.382, 355.616



54, 13.382, 45.616



54, 13.382, 175.616



54, 13.382, 225.616

Sweetspot

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



54, 13.380, 355.620



76, 4.887, 354.155



54, 18.986, 315.483



40, 3.271, 354.218



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 13.380, 355.620



67, 20.163, 356.163



55, 10.803, 35.688



30, 3.778, 354.483



29, 55.100, 16.679



1, 4.004, 354.068

Inverse Universe

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



54, 13.380, 355.620



67, 20.163, 356.163



59, 9.488, 216.100



30, 3.778, 354.483



29, 55.100, 16.679



1, 4.004, 354.068

Previews

White Background



This preview shows how the CIELCh color 54, 13.382, 355.616 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, 13.382, 355.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

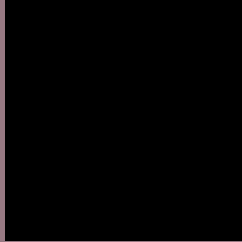
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 13.382, 355.616

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.382, 355.616.



This preview shows how white text looks on a background with the CIELCh color 54, 13.382, 355.616.

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, 13.382, 355.616

Protanopia

54, 4.062, 296.163

Deuteranopia

54, 7.045, 356.102



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 13.382, 355.616

Protanomaly
54, 6.644, 336.217

Deuteranomaly
54, 9.139, 358.303

Tritanomaly
54, 13.382, 355.616

Monochromacy



Original Color
54, 13.382, 355.616

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 4.969, 352.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.382, 355.616 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(151, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 131)  
}
```

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(151, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.382, 355.616 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(151, 121, 131) }
```

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

```
.border{ border-color:rgb(151, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(151, 121,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.382, 355.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 121, 131) }
```

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

```
.background{ background-color: rgb(151,  
121, 131) }
```

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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