

Converting Colors

CIELCh(53, 16.390, 336.385)

Have a look what the booklet for
CIELCh(53, 16.390, 336.385)
contains.

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Color

CIELCh(53, 16.249, 336.054)

Conversions

Conversions Part 1

Format	Color
Hex	93768A
RGB	147, 118, 138
RGB Percent	58%, 46%, 54%
CMY	0.4229, 0.5367, 0.4583
CMYK	0.00, 0.20, 0.06, 0.42
HSL	319°, 12%, 52%
HSV	319°, 20%, 58%
XYZ	23.1523, 21.0462, 26.9420
YIQ	128.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

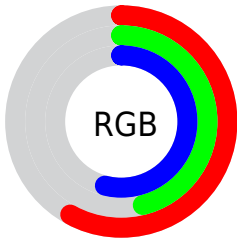
Format	Color
R_{YB}	147, 118, 138
Decimal	9664138
CIE _{Lab}	53.00, 14.85, -6.60
CIE _{LCh}	53, 16.249, 336.054
Yxy	21.0462, 0.3254, 0.2958
Android (android.graphics.Color)	4287854218 (0xFF93768A)
YUV	128.9510, 4.4612, 15.8290
Hunter-Lab	45.8761, 9.8006, -2.7064

Details

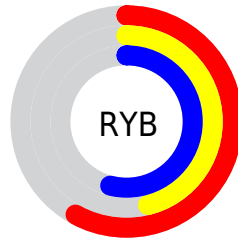
The CIELCh color $53, 16.249, 336.054$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 16.110, 153.273$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.219, 336.284$, and $33, 16.514, 335.994$ is the 20% darker color. If you saturate the color by 10%, you get $49, 24.533, 336.819$, and if you desaturate by 10%, it is $57, 7.955, 335.327$.

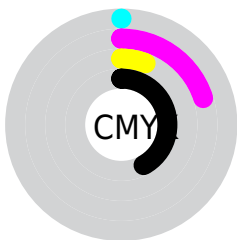
Distribution



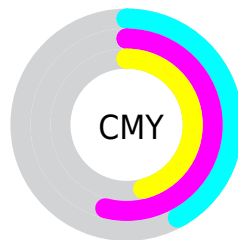
- Red (58%)
- Green (46%)
- Blue (54%)



- Red (58%)
- Yellow (46%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (42%)





- Cyan (42%)
- Magenta (54%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 16.249, 336.054 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 53, 16.249, 336.054 by changing the saturation by 10% instead.


 53, 16.249,
336.054


 53, 16.249,
336.054


 100, 16.249,
336.054


 43, 16.249,
336.054


 73, 16.249,
336.054

 33, 16.249,
336.054

 83, 16.249,
336.054

 23, 16.249,
336.054

 93, 16.249,
336.054

 13, 16.249,
336.054

 3, 16.249, 336.054

 0, 16.249, 336.054

53, 16.249,
336.054

53, 16.249,
336.054

49, 24.533,
336.819

57, 7.955, 335.327

45, 32.639,
337.637

61, 0.228, 155.886

65, 8.233, 154.097

42, 40.317,
338.524

70, 16.022,
153.488

39, 47.244,
339.504

74, 23.578,
152.925

37, 53.043,
340.610

78, 30.899,
152.396

35, 57.345,
341.895


82, 37.990,
151.899


33, 59.889,
343.427

87, 44.862,
151.432

32, 61.047,

345.197

 91, 51.529,
150.993

 32, 61.080,
345.248

Harmonies

Complementary

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



53, 16.249, 336.054



58, 16.110, 153.273

Rectangle

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



53, 16.249, 336.054



53, 16.249, 26.054



53, 16.249, 156.054



53, 16.249, 206.054

Sweetspot

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



53, 16.247, 336.055



74, 6.070, 335.062



51, 17.282, 303.017



39, 4.060, 335.106



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 16.247, 336.055



65, 24.535, 336.415



53, 12.333, 5.164



29, 4.645, 335.290



30, 58.264, 345.114



1, 4.032, 334.707

Inverse Universe

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



53, 16.247, 336.055



65, 24.535, 336.415



59, 11.416, 181.541



29, 4.645, 335.290



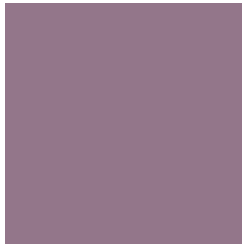
30, 58.264, 345.114



1, 4.032, 334.707

Previews

White Background



This preview shows how the CIELCh color 53, 16.249, 336.054 looks on a white background.

Color Contrast Check

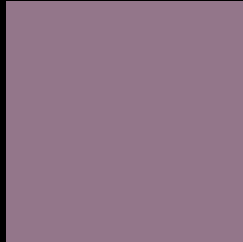
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 16.249, 336.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

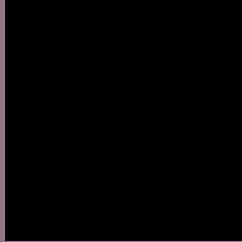
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.249, 336.054

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.249, 336.054.



This preview shows how white text looks on a background with the CIELCh color 53, 16.249, 336.054.

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
53, 16.249, 336.054

Protanopia
53, 9.852, 287.030

Deuteranopia
53, 9.215, 318.797



Tritanopia
53, 11.705, 354.520

Trichromacy



Original Color
53, 16.249, 336.054

Protanomaly
53, 11.037, 309.621

Deuteranomaly
53, 11.683, 328.323

Tritanomaly
53, 13.153, 346.235

Monochromacy



Original Color
53, 16.249, 336.054

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.973, 337.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.249, 336.054 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(147, 118, 138)` looks like.

```
.text, #text, p{  
    color:rgb(147, 118, 138)  
}
```

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(147, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 118, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.249, 336.054 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(147, 118, 138) }
```

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

```
.border{ border-color:rgb(147, 118, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 118, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 118,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.249, 336.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 118, 138) }
```

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

```
.background{ background-color: rgb(147,  
118, 138) }
```

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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