

Converting Colors

CIELCh(53, 16.743, 326.904)

Have a look what the booklet for
CIELCh(53, 16.743, 326.904)
contains.

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Color

CIELCh(53, 16.503, 327.626)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 90778E |
| RGB | 144, 119, 142 |
| RGB Percent | 56%, 47%, 56% |
| CMY | 0.4356, 0.5336, 0.4435 |
| CMYK | 0.00, 0.17, 0.01, 0.44 |
| HSL | 305°, 10%, 52% |
| HSV | 305°, 17%, 56% |
| XYZ | 22.9500, 21.0462, 28.4107 |
| YIQ | 129.0970, 7.5170, 12.4530 |

Conversions

Conversions Part 2

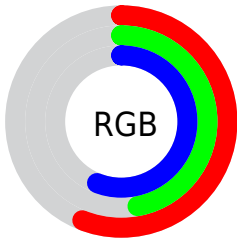
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 144, 119, 142 |
| Decimal | 9467790 |
| CIE _{Lab} | 53.00, 13.94, -8.84 |
| CIE _{LCh} | 53, 16.503, 327.626 |
| Yxy | 21.0462, 0.3170, 0.2907 |
| Android (android.graphics.Color) | 4287657870 (0xFF90778E) |
| YUV | 129.0970, 6.3612, 13.0699 |
| Hunter-Lab | 45.8761, 9.0132, -4.6046 |

Details

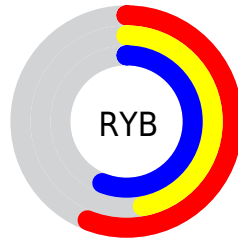
The CIELCh color $53, 16.503, 327.626$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 16.477, 145.600$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.852, 327.256$, and $33, 16.845, 326.898$ is the 20% darker color. If you saturate the color by 10%, you get $49, 26.021, 328.192$, and if you desaturate by 10%, it is $57, 6.966, 327.050$.

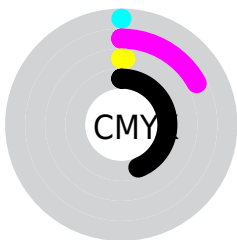
Distribution



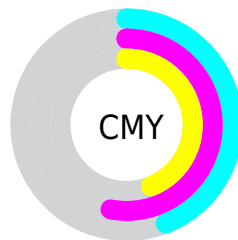
- Red (56%)
- Green (47%)
- Blue (56%)



- Red (56%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (44%)





- Cyan (44%)
- Magenta (53%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 16.503, 327.626 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, 16.503, 327.626 by changing the saturation by 10% instead.


 53, 16.503,
327.626


 53, 16.503,
327.626


 100, 16.503,
327.626


 43, 16.503,
327.626


 73, 16.503,
327.626

 33, 16.503,
327.626

 83, 16.503,
327.626

 23, 16.503,
327.626

 93, 16.503,
327.626

 13, 16.503,
327.626

 3, 16.503, 327.626

 0, 16.503, 327.626

53, 16.503,
327.626

53, 16.503,
327.626

49, 26.021,
328.192

57, 6.966, 327.050

46, 35.342,
328.750

61, 2.458, 146.621

43, 44.211,
329.290

65, 11.692,
146.019

40, 52.308,
329.806

69, 20.690,
145.499

37, 59.266,
330.288

73, 29.428,
145.006

35, 64.729,
330.732

77, 37.899,
144.539

34, 68.436,
331.141

81, 46.105,
144.098

33, 70.493,

86, 54.056,
143.683

331.524

■ 90, 61.763,
143.294

■ 33, 70.970,
331.622

Harmonies

Complementary

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



53, 16.503, 327.626



57, 16.477, 145.600

Rectangle

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



53, 16.503, 327.626



53, 16.503, 17.626



53, 16.503, 147.626



53, 16.503, 197.626

Sweetspot

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



53, 16.501, 327.626



73, 5.824, 326.911



51, 14.623, 294.441



38, 4.006, 326.951



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 16.501, 327.626



66, 24.635, 327.857



53, 11.837, 348.939



28, 5.310, 327.156



31, 67.825, 331.601



1, 3.566, 326.672

Inverse Universe

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



53, 16.501, 327.626



66, 24.635, 327.857



58, 11.502, 165.907



28, 5.310, 327.156



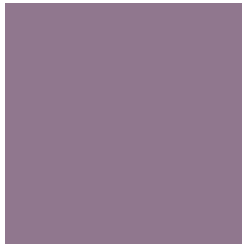
31, 67.825, 331.601



1, 3.566, 326.672

Previews

White Background



This preview shows how the CIELCh color 53, 16.503, 327.626 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, 16.503, 327.626 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, 16.503, 327.626

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.503, 327.626.



This preview shows how white text looks on a background with the CIELCh color 53, 16.503, 327.626.

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, 16.503, 327.626

Protanopia

53, 11.603, 286.109

Deuteranopia

53, 11.037, 309.621



Tritanopia
53, 9.909, 348.967

Trichromacy



Original Color
53, 16.503, 327.626

Protanomaly
53, 13.156, 304.980

Deuteranomaly
53, 12.314, 317.432

Tritanomaly
53, 12.216, 339.403

Monochromacy



Original Color
53, 16.503, 327.626

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.324, 324.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.503, 327.626 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(144, 119, 142)` looks like.

```
.text, #text, p{  
    color:rgb(144, 119, 142)  
}
```

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(144, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 119, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.503, 327.626 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(144, 119, 142) }
```

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

```
.border{ border-color:rgb(144, 119, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 119, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(144, 119,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.503, 327.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 119, 142) }
```

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

```
.background{ background-color: rgb(144,  
119, 142) }
```

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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