

Converting Colors

CIELCh(53, 17.403, 327.067)

Have a look what the booklet for
CIELCh(53, 17.403, 327.067)
contains.

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Color

CIELCh(53, 17.180, 327.566)

Conversions

Conversions Part 1

Format	Color
Hex	91778F
RGB	145, 119, 143
RGB Percent	57%, 47%, 56%
CMY	0.4331, 0.5349, 0.4409
CMYK	0.00, 0.18, 0.01, 0.43
HSL	305°, 11%, 52%
HSV	305°, 18%, 57%
XYZ	23.0745, 21.0462, 28.6634
YIQ	129.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

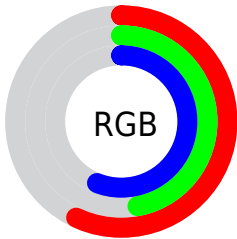
Format	Color
RYB	145, 119, 143
Decimal	9533327
CIELab	53.00, 14.50, -9.21
CIElCh	53, 17.180, 327.566
Yxy	21.0462, 0.3170, 0.2892
Android (android.graphics.Color)	4287723407 (0xFF91778F)
YUV	129.5100, 6.6506, 13.5847
Hunter-Lab	45.8761, 9.4977, -4.9311

Details

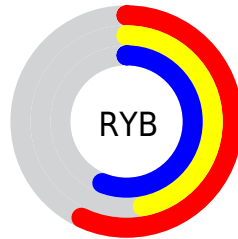
The CIELCh color $53, 17.180, 327.566$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 17.154, 145.465$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 17.495, 327.203$, and $33, 17.566, 326.889$ is the 20% darker color. If you saturate the color by 10%, you get $49, 26.747, 328.130$, and if you desaturate by 10%, it is $57, 7.584, 326.993$.

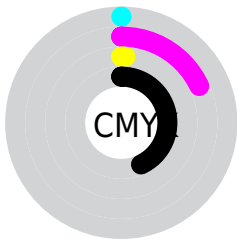
Distribution



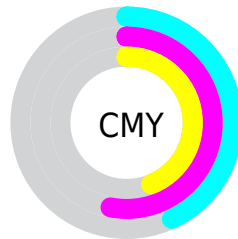
- Red (57%)
- Green (47%)
- Blue (56%)



- Red (57%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (43%)




- Cyan (43%)
- Magenta (53%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.180, 327.566 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, 17.180, 327.566 by changing the saturation by 10% instead.

 53, 17.180,
327.566

 53, 17.180,
327.566


 100, 17.180,
327.566


 43, 17.180,
327.566

 73, 17.180,
327.566

 33, 17.180,
327.566

 83, 17.180,
327.566

 23, 17.180,
327.566

 93, 17.180,
327.566

 13, 17.180,
327.566

 3, 17.180, 327.566

 0, 17.180, 327.566

53, 17.180,
327.566

53, 17.180,
327.566

49, 26.747,
328.130

57, 7.584, 326.993

46, 36.102,
328.685

61, 1.906, 146.587

43, 44.985,
329.221

65, 11.208,
145.960

40, 53.068,
329.731

69, 20.273,
145.438

37, 59.983,
330.205

73, 29.079,
144.944

36, 65.376,
330.639

77, 37.616,
144.476


34, 68.993,
331.036


81, 45.886,
144.034

33, 71.006,

86, 53.897,
143.618

331.405

 90, 61.663,
143.227

 33, 71.376,
331.479

Harmonies

Complementary

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



53, 17.180, 327.566



57, 17.154, 145.465

Rectangle

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



53, 17.180, 327.566



53, 17.180, 17.566



53, 17.180, 147.566



53, 17.180, 197.566

Sweetspot

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



53, 17.178, 327.566



74, 5.902, 326.818



51, 15.205, 294.507



38, 4.015, 326.858



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, 17.178, 327.566



66, 26.155, 327.821



53, 12.303, 349.000



28, 5.322, 327.063



31, 67.988, 331.457



1, 3.574, 326.579

Inverse Universe

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



53, 17.178, 327.566



66, 26.155, 327.821



58, 11.943, 165.848



28, 5.322, 327.063



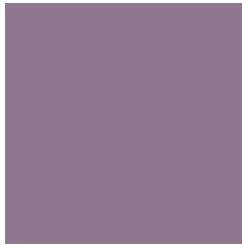
31, 67.988, 331.457



1, 3.574, 326.579

Previews

White Background



This preview shows how the CIELCh color 53, 17.180, 327.566 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 53, 17.180, 327.566 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, 17.180, 327.566

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.180, 327.566.



This preview shows how white text looks on a background with the CIELCh color 53, 17.180, 327.566.

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, 17.180, 327.566

Protanopia

53, 12.177, 286.456

Deuteranopia

53, 11.586, 308.744



Tritanopia
53, 10.256, 350.218

Trichromacy



Original Color
53, 17.180, 327.566

Protanomaly
53, 13.156, 304.980

Deuteranomaly
53, 13.698, 318.268

Tritanomaly
53, 12.881, 338.686

Monochromacy



Original Color
53, 17.180, 327.566

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.555, 327.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.180, 327.566 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(145, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 119, 143)  
}
```

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(145, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 119, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.180, 327.566 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(145, 119, 143) }
```

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

```
.border{ border-color:rgb(145, 119, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 119,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.180, 327.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 119, 143) }
```

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

```
.background{ background-color: rgb(145,  
119, 143) }
```

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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