Converting Colors

CIELCh(53, 26.695, 326.962)

Have a look what the booklet for CIELCh(53, 26.695, 326.962) contains.

Color

CIELCh(53, 26.444, 326.500)

Conversions

Conversions Part 1

Format	Color
Hex	997298
RGB	153, 114, 152
RGB Percent	60%, 45%, 60%
CMY	0.4003, 0.5532, 0.4042
CMYK	0.00, 0.25, 0.01, 0.40
HSL	302°, 16%, 52%
HSV	302°, 25%, 60%
XYZ	24.7913, 21.0462, 32.4271
YIQ	129.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

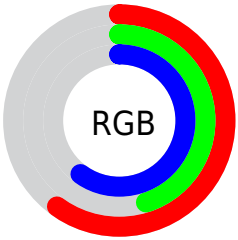
Format	Color
RYB	153, 114, 152
Decimal	10056344
CIELab	53.00, 22.05, -14.60
CIELCh	53, 26.444, 326.500
Yxy	21.0462, 0.3168, 0.2689
Android (android.graphics.Color)	4288246424 (0xFF997298)
YUV	129.9930, 10.8495, 20.1771
Hunter-Lab	45.8761, 16.1774, -9.7953

Details

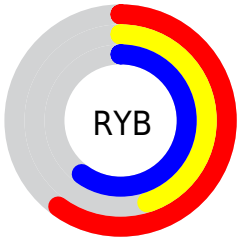
The CIELCh color 53, 26.444, 326.500 is a dark color, and the websafe version is hex 996699. A complement of this color would be 59, 26.429, 143.455, and the grayscale version is 54, 0.007, 296.813.

A 20% lighter version of the original color is 73, 26.503, 326.862, and 33, 26.663, 326.239 is the 20% darker color. If you saturate the color by 10%, you get 49, 36.649, 327.028, and if you desaturate by 10%, it is 57, 16.051, 325.956.

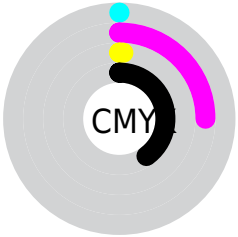
Distribution



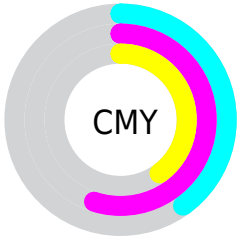
- Red (60%)
- Green (45%)
- Blue (60%)



- Red (60%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 26.444, 326.500 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, 26.444, 326.500 by changing the saturation by 10% instead.

53, 26.444, 326.500

100, 26.444, 326.500

73, 26.444, 326.500

83, 26.444, 326.500

93, 26.444, 326.500

53, 26.444, 326.500

43, 26.444, 326.500

33, 26.444, 326.500

23, 26.444, 326.500

13, 26.444, 326.500

3, 26.444, 326.500

0, 26.444, 326.500

53, 26.444, 326.500

49, 36.649, 327.028

46, 46.409, 327.527

43, 55.388, 327.985

40, 63.200, 328.388

38, 69.468, 328.724

37, 73.902, 328.988

36, 76.456, 329.183

36, 77.352,

53, 26.444, 326.500

57, 16.051, 325.956

61, 5.666, 325.389

65, 4.582, 144.940

69, 14.612, 144.386

74, 24.374, 143.879

78, 33.847, 143.397

82, 43.022, 142.942

87, 51.904, 142.513

329.261

91, 60.502, 142.111

Harmonies

Complementary

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

53, 26.444, 326.500

59, 26.429, 143.455

Rectangle

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

53, 26.444, 326.500

53, 26.444, 16.500

53, 26.444, 146.500

53, 26.444, 196.500

Sweetspot

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

53, 26.442, 326.500

76, 10.227, 325.545

49, 22.910, 293.677

39, 7.255, 325.626

90, 0.011, 296.813

42, 0.006, 296.813

Same Dimension

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

53, 26.442, 326.500

65, 39.751, 326.825

52, 18.969, 346.841

30, 5.838, 325.606

33, 72.630, 329.253

1, 6.261, 325.221

Inverse Universe

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

53, 26.442, 326.500

65, 39.751, 326.825

60, 18.343, 162.295

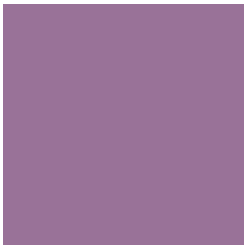
30, 5.838, 325.606

33, 72.630, 329.253

1, 6.261, 325.221

Previews

White Background

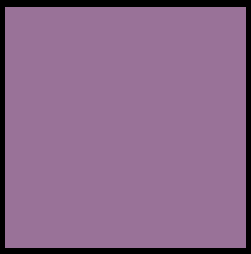


This preview shows how the CIELCh color 53, 26.444, 326.500 looks on a white background.

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



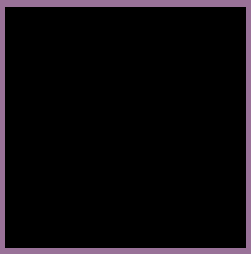
This preview shows how the CIELCh color 53, 26.444, 326.500 looks on a black background.

Color Contrast Check

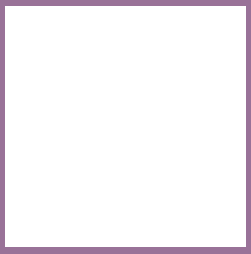
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 53, 26.444, 326.500 Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.444, 326.500.

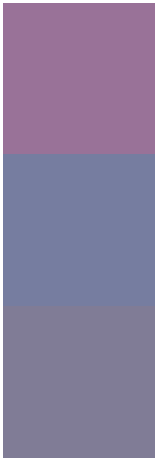


This preview shows how white text looks on a background with the CIELCh color 53, 26.444, 326.500.

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, 26.444, 326.500

Protanopia
53, 20.341, 285.762

Deuteranopia
53, 15.164, 297.599

Tritanopia
53, 14.186, 357.209

Trichromacy

Original Color
53, 26.444, 326.500

Protanomaly
53, 21.268, 302.479

Deuteranomaly
53, 19.145, 311.632

Tritanomaly
53, 17.703, 340.941

Monochromacy

Original Color
53, 26.444, 326.500

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.804, 324.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.444, 326.500 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(153, 114, 152) looks like.

```
.text, #text, p{
    color:rgb(153, 114, 152)
}
```

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(153, 114, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 114, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.444, 326.500 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(153, 114, 152) }
```

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

```
.border{ border-color:rgb(153, 114, 152) }
```

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

Here you see how a box with a 4 pixel rgb(153, 114, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 114, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 114, 152); box-shadow:4px 4px 4px 4px rgb(153, 114, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.444, 326.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(153, 114, 152) }
```

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

```
.background{ background-color:rgb(153,
114, 152) }
```

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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