

Converting Colors

CIELCh(53, 26.431, 332.928)

Have a look what the booklet for
CIELCh(53, 26.431, 332.928)
contains.

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Color

CIELCh(53, 26.253, 332.447)

Conversions

Conversions Part 1

Format	Color
Hex	9D7194
RGB	157, 113, 148
RGB Percent	62%, 44%, 58%
CMY	0.3851, 0.5576, 0.4204
CMYK	0.00, 0.28, 0.06, 0.39
HSL	312°, 18%, 53%
HSV	312°, 28%, 61%
XYZ	25.0774, 21.0462, 30.6740
YIQ	130.1460, 14.9890, 20.2130

Conversions

Conversions Part 2

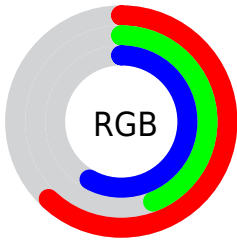
Format	Color
R _Y B	157, 113, 148
Decimal	10318228
CIE Lab	53.00, 23.28, -12.14
CIE LCh	53, 26.253, 332.447
Yxy	21.0462, 0.3265, 0.2740
Android (android.graphics.Color)	4288508308 (0xFF9D7194)
YUV	130.1460, 8.8020, 23.5510
Hunter-Lab	45.8761, 17.2906, -7.5297

Details

The CIELCh color $53, 26.253, 332.447$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 26.132, 148.639$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.370, 332.394$, and $33, 26.352, 332.734$ is the 20% darker color. If you saturate the color by 10%, you get $49, 35.431, 333.125$, and if you desaturate by 10%, it is $57, 16.872, 331.790$.

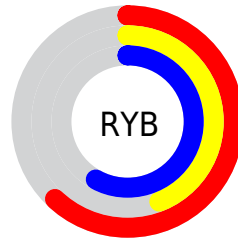
Distribution



Red (62%)

Green (44%)

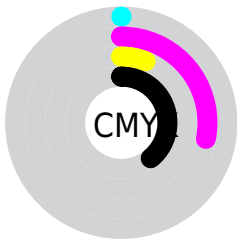
Blue (58%)



Red (62%)

Yellow (44%)

Blue (58%)

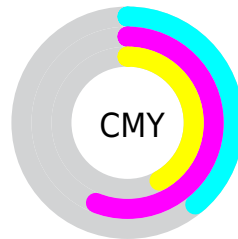


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (39%)



Cyan (39%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.253, 332.447 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, 26.253, 332.447 by changing the saturation by 10% instead.


 53, 26.253,
332.447


 53, 26.253,
332.447


 100, 26.253,
332.447


 43, 26.253,
332.447


 73, 26.253,
332.447

 33, 26.253,
332.447

 83, 26.253,
332.447

 23, 26.253,
332.447

 93, 26.253,
332.447

 13, 26.253,
332.447

 3, 26.253, 332.447

 0, 26.253, 332.447

53, 26.253,
332.447

53, 26.253,
332.447

49, 35.431,
333.125

57, 16.872,
331.790

46, 44.147,
333.825

61, 7.485, 331.142

43, 52.054,
334.553

66, 1.785, 150.718

40, 58.752,
335.319

70, 10.860,
150.019

38, 63.844,
336.143

74, 19.697,
149.458

36, 67.042,
337.055

79, 28.276,
148.932


35, 68.479,
338.076

83, 36.593,
148.435

35, 68.711,

88, 44.652,
147.966

338.277

 92, 52.465,
147.524

Harmonies

Complementary

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



53, 26.253, 332.447



61, 26.132, 148.639

Rectangle

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



53, 26.253, 332.447



53, 26.253, 22.447



53, 26.253, 152.447



53, 26.253, 202.447

Sweetspot

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



53, 26.251, 332.447



78, 9.215, 331.149



50, 26.058, 300.231



40, 6.540, 331.242



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 26.251, 332.447



65, 39.326, 332.893



52, 19.445, 358.926



31, 5.296, 331.221



32, 64.246, 338.178



1, 6.725, 331.862

Inverse Universe

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



53, 26.251, 332.447



65, 39.326, 332.893



61, 17.936, 173.285



31, 5.296, 331.221



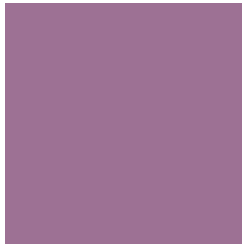
32, 64.246, 338.178



1, 6.725, 331.862

Previews

White Background



This preview shows how the CIELCh color 53, 26.253, 332.447 looks on a white background.

Color Contrast Check

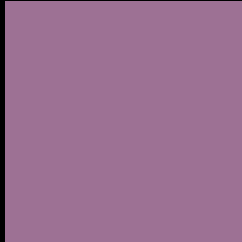
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.253, 332.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

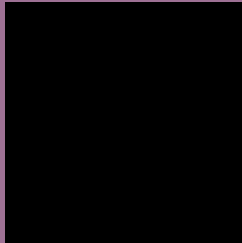
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 26.253, 332.447

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.253, 332.447.



This preview shows how white text looks on a background with the CIELCh color 53, 26.253, 332.447.

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, 26.253, 332.447

Protanopia

53, 17.426, 285.265

Deuteranopia

53, 12.981, 301.718



Tritanopia
53, 15.966, 2.484

Trichromacy



Original Color
53, 26.253, 332.447

Protanomaly
53, 19.157, 305.730

Deuteranomaly
53, 17.458, 317.767

Tritanomaly
53, 19.318, 347.358

Monochromacy



Original Color
53, 26.253, 332.447

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.395, 333.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.253, 332.447 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(157, 113, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 113, 148)  
}
```

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(157, 113, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 113, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.253, 332.447 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(157, 113, 148) }
```

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

```
.border{ border-color:rgb(157, 113, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 113, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 113, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 113, 148);  
box-shadow:4px 4px 4px 4px rgb(157, 113,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.253, 332.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 113, 148) }
```

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

```
.background{ background-color: rgb(157,  
113, 148) }
```

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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