

Converting Colors

CIELCh(53, 22.188, 327.526)

Have a look what the booklet for
CIELCh(53, 22.188, 327.526)
contains.

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Color

CIELCh(53, 22.174, 328.183)

Conversions

Conversions Part 1

Format	Color
Hex	967493
RGB	150, 116, 147
RGB Percent	59%, 45%, 58%
CMY	0.4122, 0.5455, 0.4239
CMYK	0.00, 0.23, 0.02, 0.41
HSL	305°, 14%, 52%
HSV	305°, 23%, 59%
XYZ	24.0516, 21.0462, 30.3568
YIQ	129.7000, 10.3130, 16.8490

Conversions

Conversions Part 2

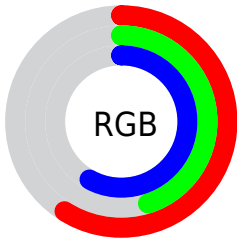
Format	Color
RYB	150, 116, 147
Decimal	9860243
CIELab	53.00, 18.84, -11.69
CIElCh	53, 22.174, 328.183
Yxy	21.0462, 0.3188, 0.2789
Android (android.graphics.Color)	4288050323 (0xFF967493)
YUV	129.7000, 8.5289, 17.8031
Hunter-Lab	45.8761, 13.2995, -7.1197

Details

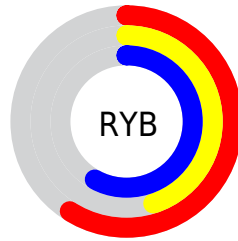
The CIELCh color $53, 22.174, 328.183$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 22.141, 145.435$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 22.449, 328.558$, and $33, 22.368, 328.829$ is the 20% darker color. If you saturate the color by 10%, you get $49, 31.878, 328.753$, and if you desaturate by 10%, it is $57, 12.358, 327.609$.

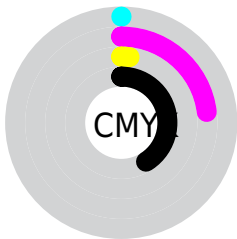
Distribution



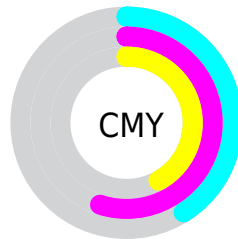
- Red (59%)
- Green (45%)
- Blue (58%)



- Red (59%)
- Yellow (45%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (41%)





- Cyan (41%)
- Magenta (55%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 22.174, 328.183 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, 22.174, 328.183 by changing the saturation by 10% instead.


 53, 22.174,
328.183


 53, 22.174,
328.183


 100, 22.174,
328.183


 43, 22.174,
328.183


 73, 22.174,
328.183

 33, 22.174,
328.183

 83, 22.174,
328.183

 23, 22.174,
328.183

 93, 22.174,
328.183

 13, 22.174,
328.183

 3, 22.174, 328.183

 0, 22.174, 328.183

■ 53, 22.174,
328.183

■ 53, 22.174,
328.183

■ 49, 31.878,
328.753

■ 57, 12.358,
327.609

■ 46, 41.246,
329.312

■ 61, 2.596, 326.981

■ 65, 7.007, 146.554

■ 43, 49.976,
329.851

■ 69, 16.388,
146.009

■ 40, 57.703,
330.364

■ 74, 25.511,
145.499

■ 38, 64.041,
330.845

■ 78, 34.362,
145.015

■ 36, 68.659,
331.293


■ 82, 42.937,
144.558

■ 35, 71.387,
331.718

■ 86, 51.244,
144.127

■ 35, 72.634,

332.020

 91, 59.295,
143.721

Harmonies

Complementary

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



53, 22.174, 328.183



59, 22.141, 145.435

Rectangle

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



53, 22.174, 328.183



53, 22.174, 18.183



53, 22.174, 148.183



53, 22.174, 198.183

Sweetspot

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



53, 22.172, 328.183



75, 8.387, 327.283



50, 19.963, 295.628



39, 5.436, 327.314



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, 22.172, 328.183



65, 32.538, 328.461



52, 15.922, 350.521



29, 5.436, 327.406



32, 68.311, 331.988



1, 4.728, 326.915

Inverse Universe

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



53, 22.172, 328.183



65, 32.538, 328.461



59, 15.291, 166.351



29, 5.436, 327.406



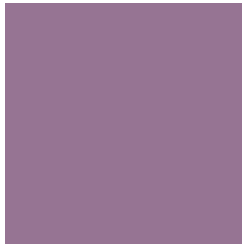
32, 68.311, 331.988



1, 4.728, 326.915

Previews

White Background



This preview shows how the CIELCh color 53, 22.174, 328.183 looks on a white background.

Color Contrast Check

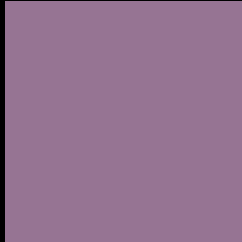
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.174, 328.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

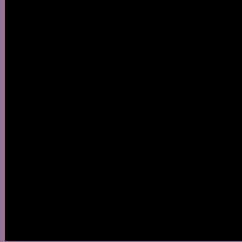
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 22.174, 328.183

Background



This preview shows how black text looks on a background with the CIELCh color 53, 22.174, 328.183.



This preview shows how white text looks on a background with the CIELCh color 53, 22.174, 328.183.

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, 22.174, 328.183

Protanopia

53, 15.677, 285.495

Deuteranopia

53, 12.413, 302.146



Tritanopia
53, 12.462, 356.328

Trichromacy



Original Color
53, 22.174, 328.183

Protanomaly
53, 17.282, 304.566

Deuteranomaly
53, 15.779, 314.501

Tritanomaly
53, 15.433, 341.823

Monochromacy



Original Color
53, 22.174, 328.183

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.943, 327.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 22.174, 328.183 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(150, 116, 147)` looks like.

```
.text, #text, p{  
    color:rgb(150, 116, 147)  
}
```

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(150, 116, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 116, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 22.174, 328.183 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(150, 116, 147) }
```

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

```
.border{ border-color:rgb(150, 116, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 116, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 116, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 116, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 116,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 22.174, 328.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 116, 147) }
```

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

```
.background{ background-color: rgb(150,  
116, 147) }
```

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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