

Converting Colors

CIELCh(53, 43.812, 326.479)

Have a look what the booklet for
CIELCh(53, 43.812, 326.479)
contains.

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Color

CIELCh(53, 44.337, 326.497)

Conversions

Conversions Part 1

Format	Color
Hex	A967A9
RGB	169, 103, 169
RGB Percent	66%, 40%, 66%
CMY	0.3367, 0.5956, 0.3367
CMYK	0.00, 0.39, 0.00, 0.34
HSL	300°, 28%, 53%
HSV	300°, 39%, 66%
XYZ	28.4293, 21.0462, 40.1670
YIQ	130.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

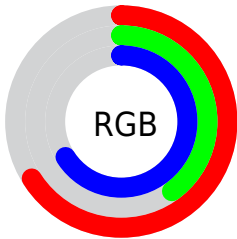
Format	Color
RYB	169, 103, 169
Decimal	11102121
CIELab	53.00, 36.97, -24.47
CIElCh	53, 44.337, 326.497
Yxy	21.0462, 0.3171, 0.2348
Android (android.graphics.Color)	4289292201 (0xFFA967A9)
YUV	130.2580, 19.0998, 33.9767
Hunter-Lab	45.8761, 30.3329, -19.7982

Details

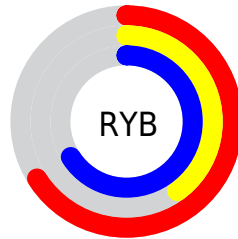
The CIELCh color $53, 44.337, 326.497$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 44.408, 141.563$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 43.794, 326.506$, and $33, 44.607, 326.182$ is the 20% darker color. If you saturate the color by 10%, you get $50, 54.822, 326.964$, and if you desaturate by 10%, it is $57, 33.215, 325.990$.

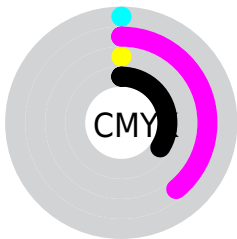
Distribution



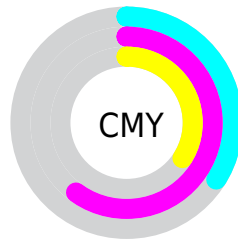
- Red (66%)
- Green (40%)
- Blue (66%)



- Red (66%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 44.337, 326.497 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, 44.337, 326.497 by changing the saturation by 10% instead.

 53, 44.337,
326.497

 53, 44.337,
326.497

 100, 44.337,
326.497

 43, 44.337,
326.497


 73, 44.337,
326.497

 33, 44.337,
326.497

 83, 44.337,
326.497

 23, 44.337,
326.497

 93, 44.337,
326.497

 13, 44.337,
326.497

 3, 44.337, 326.497

 0, 44.337, 326.497

53, 44.337,
326.497

53, 44.337,
326.497

50, 54.822,
326.964

57, 33.215,
325.990

46, 64.279,
327.375

61, 21.787,
325.458

44, 72.276,
327.714

65, 10.294,
324.907

42, 78.428,
327.969

70, 1.094, 144.601

41, 82.502,
328.135

74, 12.266,
143.884


40, 84.769,
328.227

79, 23.156,
143.366

40, 84.968,
328.235

84, 33.727,
142.875

88, 43.966,
142.411

 93, 53.666,
141.983

Harmonies

Complementary

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



53, 44.337, 326.497



64, 44.408, 141.563

Rectangle

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



53, 44.337, 326.497



53, 44.337, 16.497



53, 44.337, 146.497



53, 44.337, 196.497

Sweetspot

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



53, 44.335, 326.497



81, 16.935, 325.085



46, 39.182, 295.270



42, 11.222, 325.153



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 44.335, 326.497



64, 65.078, 326.911



52, 31.925, 347.434



33, 6.429, 324.922



35, 76.989, 328.235



2, 11.672, 324.441

Inverse Universe

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



53, 44.335, 326.497



64, 65.078, 326.911



64, 30.494, 159.891



33, 6.429, 324.922



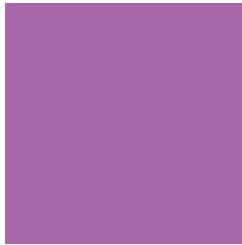
35, 76.989, 328.235



2, 11.672, 324.441

Previews

White Background



This preview shows how the CIELCh color 53, 44.337, 326.497 looks on a white background.

Color Contrast Check

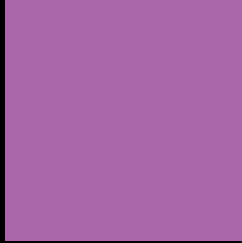
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.337, 326.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

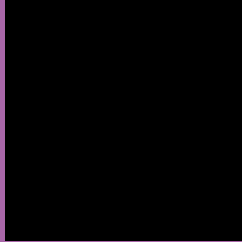
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 44.337, 326.497

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.337, 326.497.

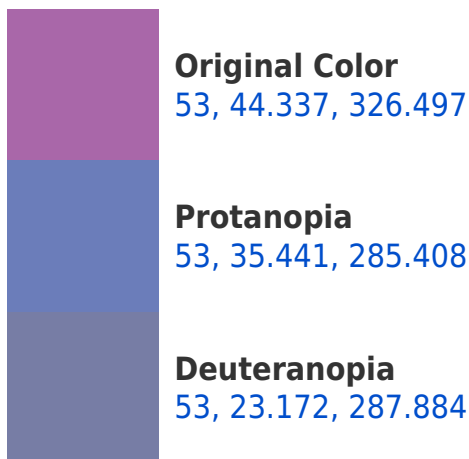


This preview shows how white text looks on a background with the CIELCh color 53, 44.337, 326.497.

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





Tritanopia
53, 21.314, 8.121

Trichromacy



Original Color
53, 44.337, 326.497

Protanomaly
53, 36.894, 301.171

Deuteranomaly
53, 29.966, 307.162

Tritanomaly
53, 27.814, 344.810

Monochromacy



Original Color
53, 44.337, 326.497

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 16.725, 325.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.337, 326.497 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(169, 103, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 103, 169)  
}
```

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(169, 103, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 103, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.337, 326.497 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(169, 103, 169) }
```

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

```
.border{ border-color:rgb(169, 103, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 103, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 103, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 103, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 103,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.337, 326.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 103, 169) }
```

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

```
.background{ background-color: rgb(169,  
103, 169) }
```

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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