

Converting Colors

CIELCh(52, 47.964, 326.249)

Have a look what the booklet for
CIELCh(52, 47.964, 326.249)
contains.

| | |
|--|----|
| CIELCh(52, 47.964, 326.249) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(52, 47.964, 326.249)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A962AA |
| RGB | 169, 98, 170 |
| RGB Percent | 66%, 38%, 67% |
| CMY | 0.3364, 0.6149, 0.3325 |
| CMYK | 0.01, 0.42, 0.00, 0.33 |
| HSL | 299°, 30%, 53% |
| HSV | 299°, 42%, 67% |
| XYZ | 28.0735, 20.1443, 40.5468 |
| YIQ | 127.4370, 19.2040, 37.4440 |

Conversions

Conversions Part 2

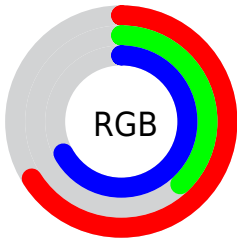
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 169, 98, 170 |
| Decimal | 11100842 |
| CIE Lab | 52.00, 39.88, -26.65 |
| CIE LCh | 52, 47.964, 326.249 |
| Yxy | 20.1443, 0.3163, 0.2269 |
| Android (android.graphics.Color) | 4289290922 (0xFFA962AA) |
| YUV | 127.4370, 20.9836, 36.4508 |
| Hunter-Lab | 44.8824, 33.1057, -22.1449 |

Details

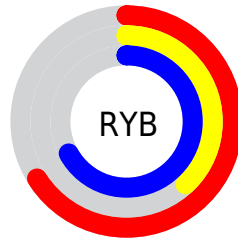
The CIELCh color $52, 47.964, 326.249$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 48.029, 140.942$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 47.950, 326.236$, and $32, 48.063, 325.993$ is the 20% darker color. If you saturate the color by 10%, you get $49, 58.215, 326.688$, and if you desaturate by 10%, it is $56, 36.968, 325.763$.

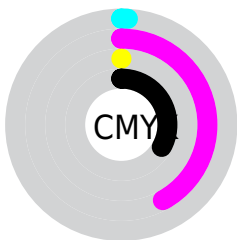
Distribution



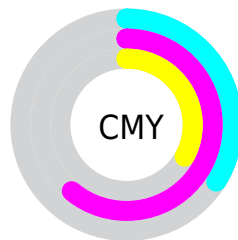
- Red (66%)
- Green (38%)
- Blue (67%)



- Red (66%)
- Yellow (38%)
- Blue (67%)



- Cyan (1%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 47.964, 326.249 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 52, 47.964, 326.249 by changing the saturation by 10% instead.


 52, 47.964,
326.249


 52, 47.964,
326.249


 100, 47.964,
326.249


 42, 47.964,
326.249


 72, 47.964,
326.249

 32, 47.964,
326.249

 82, 47.964,
326.249

 22, 47.964,
326.249

 92, 47.964,
326.249

 12, 47.964,
326.249

 2, 47.964, 326.249

 0, 47.964, 326.249

52, 47.964,
326.249

52, 47.964,
326.249

49, 58.215,
326.688

56, 36.968,
325.763

46, 67.311,
327.063

60, 25.582,
325.247

43, 74.817,
327.356

64, 14.070,
324.711

42, 80.374,
327.556

69, 2.621, 324.112

40, 83.812,
327.659


73, 8.639, 143.703

40, 85.420,
327.691

78, 19.633,
143.182

83, 30.319,
142.693

87, 40.677,
142.230

 92, 50.703,
141.794

Harmonies

Complementary

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



52, 47.964, 326.249



64, 48.029, 140.942

Rectangle

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



52, 47.964, 326.249



52, 47.964, 16.249



52, 47.964, 146.249



52, 47.964, 196.249

Sweetspot

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



52, 47.962, 326.249



81, 18.451, 324.762



45, 42.215, 295.247



42, 13.027, 324.879



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



52, 47.962, 326.249



63, 70.479, 326.672



51, 35.058, 346.870



33, 6.402, 324.546



34, 77.037, 327.697



2, 11.600, 323.920

Inverse Universe

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



50, 31.621, 22.570



59, 48.596, 24.398



64, 33.539, 158.638



33, 3.723, 18.788



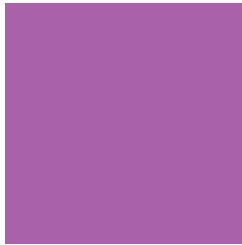
30, 68.531, 38.811



1, 6.575, 18.416

Previews

White Background



This preview shows how the CIELCh color 52, 47.964, 326.249 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 52, 47.964, 326.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

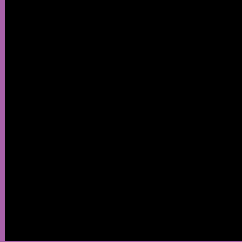
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 47.964, 326.249

Background



This preview shows how black text looks on a background with the CIELCh color 52, 47.964, 326.249.

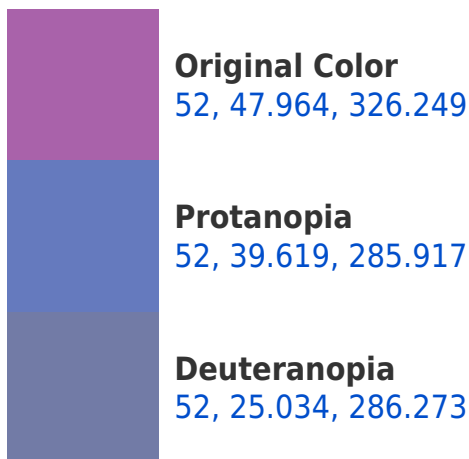


This preview shows how white text looks on a background with the CIELCh color 52, 47.964, 326.249.

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
52, 22.599, 10.603

Trichromacy



Original Color
52, 47.964, 326.249

Protanomaly
51, 41.072, 300.871

Deuteranomaly
52, 32.316, 306.319

Tritanomaly
52, 29.117, 345.582

Monochromacy



Original Color
52, 47.964, 326.249

Achromatopsia
54, 0.007, 296.813

Achromatomaly
52, 18.150, 325.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 47.964, 326.249 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, 98, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 98, 170)  
}
```

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, 98, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 98, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 47.964, 326.249 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, 98, 170) }
```

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

```
.border{ border-color:rgb(169, 98, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 98, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 98, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 98, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 98,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 47.964, 326.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 98, 170) }
```

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

```
.background{ background-color: rgb(169, 98,  
170) }
```

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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