

Converting Colors

CIELCh(53, 42.117, 325.494)

Have a look what the booklet for
CIELCh(53, 42.117, 325.494)
contains.

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Color

CIELCh(53, 42.117, 325.494)

Conversions

Conversions Part 1

Format	Color
Hex	A669A8
RGB	166, 105, 168
RGB Percent	65%, 41%, 66%
CMY	0.3489, 0.5881, 0.3411
CMYK	0.01, 0.37, 0.00, 0.34
HSL	298°, 27%, 54%
HSV	298°, 37%, 66%
XYZ	27.8559, 21.0462, 39.6532
YIQ	130.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

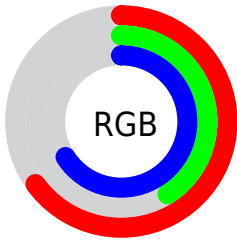
Format	Color
R_{YB}	166, 105, 168
Decimal	10906024
CIE _{Lab}	53.00, 34.71, -23.86
CIE _{LCh}	53, 42.117, 325.494
Yxy	21.0462, 0.3146, 0.2377
Android (android.graphics.Color)	4289096104 (0xFFA669A8)
YUV	130.4210, 18.5264, 31.2028
Hunter-Lab	45.8761, 28.1018, -19.1342

Details

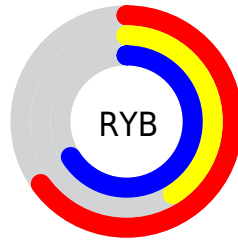
The CIELCh color $53, 42.117, 325.494$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 42.077, 140.996$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 42.221, 325.615$, and $33, 42.010, 325.498$ is the 20% darker color. If you saturate the color by 10%, you get $49, 52.659, 325.945$, and if you desaturate by 10%, it is $57, 31.040, 325.003$.

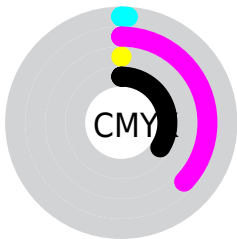
Distribution



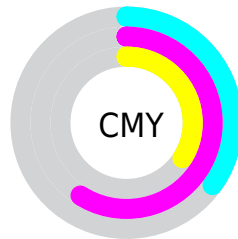
- Red (65%)
- Green (41%)
- Blue (66%)



- Red (65%)
- Yellow (41%)
- Blue (66%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (59%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 42.117, 325.494 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, 42.117, 325.494 by changing the saturation by 10% instead.

 53, 42.117,
325.494

 53, 42.117,
325.494

 100, 42.117,
325.494

 43, 42.117,
325.494

 73, 42.117,
325.494


 33, 42.117,
325.494

 83, 42.117,
325.494

 23, 42.117,
325.494

 93, 42.117,
325.494

 13, 42.117,
325.494

 3, 42.117, 325.494

 0, 42.117, 325.494

53, 42.117,
325.494

53, 42.117,
325.494

49, 52.659,
325.945

57, 31.040,
325.003

46, 62.292,
326.337

61, 19.732,
324.489

43, 70.586,
326.652

66, 8.410, 323.956

41, 77.126,
326.871

70, 2.778, 143.547

40, 81.623,
326.983

75, 13.736,
142.982


39, 84.151,
326.993

79, 24.409,
142.492

39, 84.684,
326.991

84, 34.769,
142.029

89, 44.807,
141.592

 93, 53.802,
141.203

Harmonies

Complementary

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



53, 42.117, 325.494



63, 42.077, 140.996

Rectangle

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



53, 42.117, 325.494



53, 42.117, 15.494



53, 42.117, 145.494



53, 42.117, 195.494

Sweetspot

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



53, 42.115, 325.494



81, 15.366, 324.157



47, 35.980, 293.745



42, 10.316, 324.225



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, 42.115, 325.494



64, 62.140, 325.873



52, 31.120, 345.341



33, 6.366, 324.054



34, 77.106, 327.004



2, 11.507, 323.245

Inverse Universe

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



51, 27.210, 20.462



62, 41.573, 21.865



64, 29.994, 158.391



33, 3.724, 17.334



30, 67.895, 38.086



1, 6.581, 17.130

Previews

White Background



This preview shows how the CIELCh color 53, 42.117, 325.494 looks on a white background.

Color Contrast Check

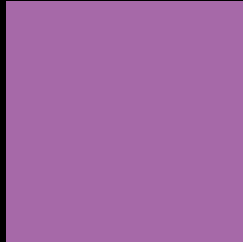
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.117, 325.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

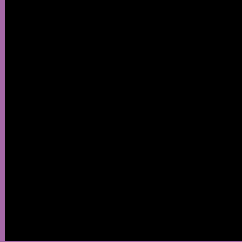
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 42.117, 325.494

Background



This preview shows how black text looks on a background with the CIELCh color 53, 42.117, 325.494.

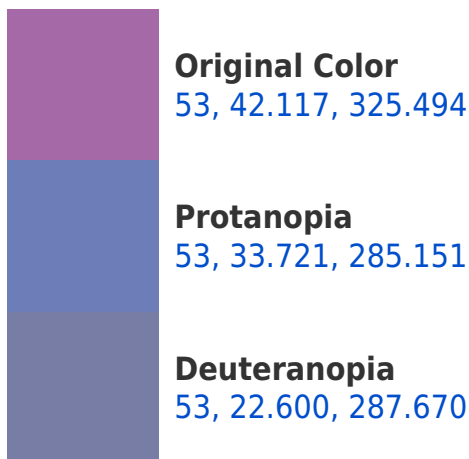


This preview shows how white text looks on a background with the CIELCh color 53, 42.117, 325.494.

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, 19.651, 6.660

Trichromacy



Original Color
53, 42.117, 325.494

Protanomaly
53, 35.078, 300.282

Deuteranomaly
53, 28.109, 306.494

Tritanomaly
53, 25.625, 343.823

Monochromacy



Original Color
53, 42.117, 325.494

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 15.818, 324.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 42.117, 325.494 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(166, 105, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 105, 168)  
}
```

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(166, 105, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 105, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 42.117, 325.494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

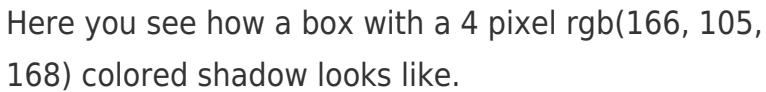
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 105, 168) }
```

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

```
.border{ border-color:rgb(166, 105, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 105, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 105, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 105, 168); box-shadow:4px 4px 4px 4px rgb(166, 105, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 42.117, 325.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 105, 168) }
```

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

```
.background{ background-color: rgb(166,  
105, 168) }
```

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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