

Converting Colors

CIELCh(53, 44.457, 318.962)

Have a look what the booklet for
CIELCh(53, 44.457, 318.962)
contains.

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Color

CIELCh(53, 44.141, 318.746)

Conversions

Conversions Part 1

Format	Color
Hex	9F6BB1
RGB	159, 107, 177
RGB Percent	62%, 42%, 69%
CMY	0.3766, 0.5805, 0.3061
CMYK	0.10, 0.40, 0.00, 0.31
HSL	285°, 31%, 56%
HSV	285°, 40%, 69%
XYZ	27.4746, 21.0462, 44.1864
YIQ	130.5280, 8.5220, 32.7940

Conversions

Conversions Part 2

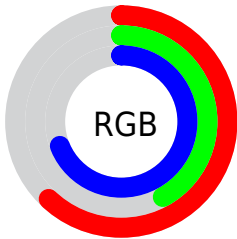
Format	Color
R _Y B	159, 107, 177
Decimal	10447793
CIE Lab	53.00, 33.18, -29.11
CIE LCh	53, 44.141, 318.746
Yxy	21.0462, 0.2964, 0.2270
Android (android.graphics.Color)	4288637873 (0xFF9F6BB1)
YUV	130.5280, 22.9107, 24.9699
Hunter-Lab	45.8761, 26.6182, -24.9930

Details

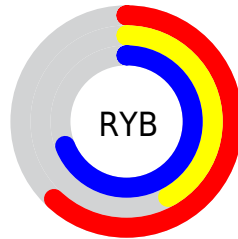
The CIELCh color **53, 44.141, 318.746** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67, 43.111, 135.049**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.430, 318.883**, and **33, 44.032, 318.697** is the 20% darker color. If you saturate the color by 10%, you get **49, 55.037, 319.115**, and if you desaturate by 10%, it is **58, 32.930, 318.332**.

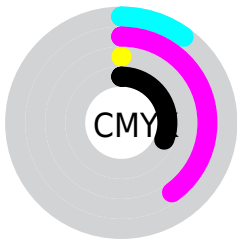
Distribution



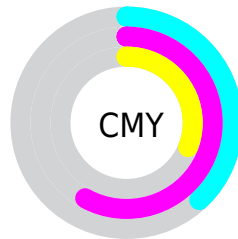
- Red (62%)
- Green (42%)
- Blue (69%)



- Red (62%)
- Yellow (42%)
- Blue (69%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (58%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 44.141, 318.746 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, 44.141, 318.746 by changing the saturation by 10% instead.

 53, 44.141,
318.746

 53, 44.141,
318.746


 100, 44.141,
318.746


 43, 44.141,
318.746


 73, 44.141,
318.746

 33, 44.141,
318.746


 83, 44.141,
318.746

 23, 44.141,
318.746

 93, 44.141,
318.746

 13, 44.141,
318.746

 3, 44.141, 318.746

 0, 44.141, 318.746

53, 44.141,
318.746

53, 44.141,
318.746

49, 55.037,
319.115

58, 32.930,
318.332

45, 65.264,
319.402

62, 21.659,
317.898

41, 74.350,
319.561

67, 10.490,
317.458

38, 81.756,
319.539

72, 0.475, 137.428

36, 86.995,
319.281

77, 11.181,
136.677

34, 90.200,
318.800

83, 21.597,
136.299

34, 90.336,
318.779

88, 31.714,
135.955

93, 41.532,
135.641

 95, 44.545,
134.429

Harmonies

Complementary

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



53, 44.141, 318.746



67, 43.111, 135.049

Rectangle

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



53, 44.141, 318.746



53, 44.141, 8.746



53, 44.141, 138.746



53, 44.141, 188.746

Sweetspot

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



53, 44.139, 318.746



84, 16.318, 317.575



53, 30.030, 282.348



43, 10.825, 317.631



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



53, 44.139, 318.746



63, 64.577, 319.055



54, 39.788, 334.387



35, 6.261, 317.448



29, 81.111, 318.876



2, 14.648, 314.031

Inverse Universe

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



53, 30.311, 3.778



64, 44.780, 5.298



67, 39.582, 148.461



35, 4.136, 359.810



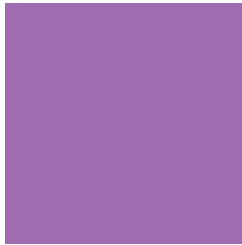
32, 60.890, 23.953



2, 9.564, 3.356

Previews

White Background



This preview shows how the CIELCh color 53, 44.141, 318.746 looks on a white background.

Color Contrast Check

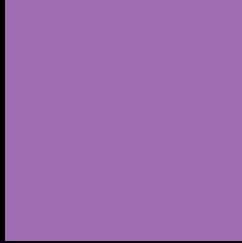
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.141, 318.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

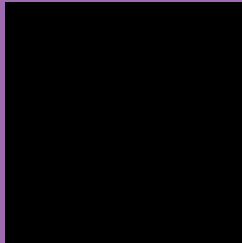
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 44.141, 318.746

Background



This preview shows how black text looks on a background with the CIELCh color 53, 44.141, 318.746.

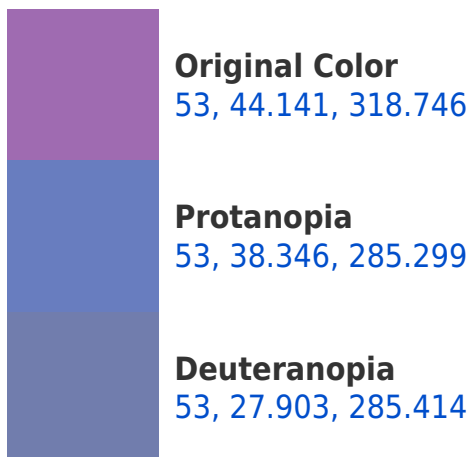


This preview shows how white text looks on a background with the CIELCh color 53, 44.141, 318.746.

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, 14.770, 0.714

Trichromacy



Original Color
53, 44.141, 318.746

Protanomaly
53, 39.518, 297.607

Deuteranomaly
53, 32.842, 301.137

Tritanomaly
53, 23.864, 333.837

Monochromacy



Original Color
53, 44.141, 318.746

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 16.227, 318.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 44.141, 318.746 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(159, 107, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 107, 177)  
}
```

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(159, 107, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 107, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 44.141, 318.746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

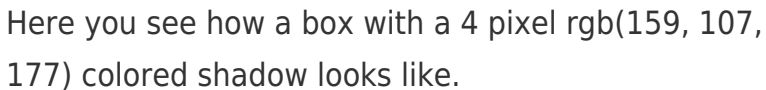
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 107, 177) }
```

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

```
.border{ border-color:rgb(159, 107, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 107, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 107, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 107, 177); box-shadow:4px 4px 4px 4px rgb(159, 107, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 44.141, 318.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 107, 177) }
```

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

```
.background{ background-color: rgb(159,  
107, 177) }
```

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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