

Converting Colors

CIELCh(53, 16.865, 295.231)

Have a look what the booklet for
CIELCh(53, 16.865, 295.231)
contains.

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Color

CIELCh(53, 16.834, 294.707)

Conversions

Conversions Part 1

Format	Color
Hex	7E7C99
RGB	126, 124, 153
RGB Percent	49%, 49%, 60%
CMY	0.5070, 0.5148, 0.4012
CMYK	0.18, 0.19, 0.00, 0.40
HSL	244°, 12%, 54%
HSV	244°, 19%, 60%
XYZ	21.4574, 21.0462, 32.9379
YIQ	127.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

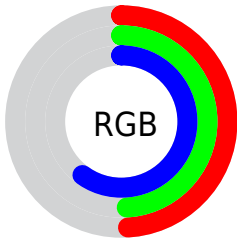
Format	Color
R_{YB}	126, 124, 153
Decimal	8289433
CIE _{Lab}	53.00, 7.04, -15.29
CIE _{LCh}	53, 16.834, 294.707
Yxy	21.0462, 0.2844, 0.2790
Android (android.graphics.Color)	4286479513 (0xFF7E7C99)
YUV	127.9040, 12.3723, -1.6698
Hunter-Lab	45.8761, 3.2056, -10.4554

Details

The CIELCh color $53, 16.834, 294.707$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $62, 16.134, 111.294$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.913, 295.334$, and $33, 17.080, 295.630$ is the 20% darker color. If you saturate the color by 10%, you get $48, 26.223, 295.897$, and if you desaturate by 10%, it is $58, 7.813, 293.684$.

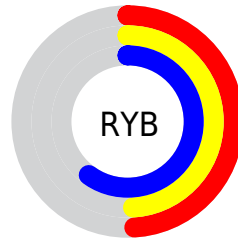
Distribution



Red (49%)

Green (49%)

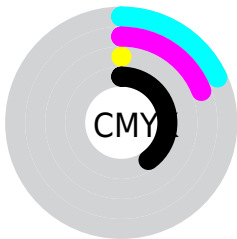
Blue (60%)



Red (49%)

Yellow (49%)

Blue (60%)

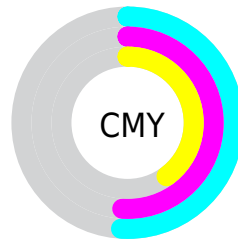


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (51%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 16.834, 294.707 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, 16.834, 294.707 by changing the saturation by 10% instead.

■ 53, 16.834,
294.707

■ 53, 16.834,
294.707

■ 100, 16.834,
294.707

■ 43, 16.834,
294.707

■ 73, 16.834,
294.707

■ 33, 16.834,
294.707

■ 83, 16.834,
294.707

■ 23, 16.834,
294.707

■ 93, 16.834,
294.707

■ 13, 16.834,
294.707

■ 3, 16.834, 294.707

■ 0, 16.834, 294.707

■ 53, 16.834,
294.707

■ 53, 16.834,
294.707

■ 48, 26.223,
295.897

■ 58, 7.813, 293.684

■ 42, 35.997,
297.276

■ 64, 0.859, 112.767

■ 69, 9.208, 112.050

■ 37, 46.136,
298.844

■ 74, 17.254,
111.408

■ 32, 56.542,
300.575

■ 79, 25.021,
110.856

■ 27, 66.936,
302.387

■ 84, 32.526,
110.381

■ 23, 76.693,
304.110


■ 90, 39.787,
109.969


■ 20, 84.712,
305.483

■ 95, 46.820,
109.612

■ 17, 90.321,

306.431

 98, 50.841,
106.880

 17, 90.879,
306.543

Harmonies

Complementary

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



53, 16.834, 294.707



62, 16.134, 111.294

Rectangle

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



53, 16.834, 294.707



53, 16.834, 344.707



53, 16.834, 114.707



53, 16.834, 164.707

Sweetspot

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



53, 16.833, 294.705



76, 6.440, 293.421



60, 9.928, 204.879



40, 4.265, 293.473



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 16.833, 294.705



65, 25.526, 295.217



54, 17.897, 312.171



30, 4.926, 293.707



15, 85.371, 306.570



0, 5.238, 292.840

Inverse Universe

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



55, 19.084, 327.390



69, 28.698, 327.642



61, 17.517, 130.552



30, 5.667, 326.833



32, 70.258, 331.107



1, 6.058, 326.580

Previews

White Background



This preview shows how the CIELCh color 53, 16.834, 294.707 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, 16.834, 294.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

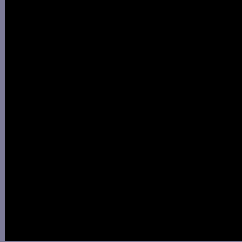
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.834, 294.707

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.834, 294.707.



This preview shows how white text looks on a background with the CIELCh color 53, 16.834, 294.707.

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, 16.834, 294.707

Protanopia

53, 16.846, 286.144

Deuteranopia

53, 16.834, 294.707



Tritanopia
53, 5.953, 276.032

Trichromacy



Original Color
53, 16.834, 294.707

Protanomaly
53, 16.800, 288.556

Deuteranomaly
53, 16.834, 294.707

Tritanomaly
53, 9.852, 287.030

Monochromacy



Original Color
53, 16.834, 294.707

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.385, 294.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.834, 294.707 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(126, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 153)  
}
```

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(126, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.834, 294.707 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(126, 124, 153) }
```

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

```
.border{ border-color:rgb(126, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.834, 294.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 124, 153) }
```

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

```
.background{ background-color: rgb(126,  
124, 153) }
```

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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