

Converting Colors

CIELCh(53, 28.138, 306.498)

Have a look what the booklet for
CIELCh(53, 28.138, 306.498)
contains.

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Color

CIELCh(53, 28.109, 306.494)

Conversions

Conversions Part 1

Format	Color
Hex	8876A5
RGB	136, 118, 165
RGB Percent	53%, 46%, 65%
CMY	0.4651, 0.5357, 0.3513
CMYK	0.18, 0.28, 0.00, 0.35
HSL	263°, 21%, 56%
HSV	263°, 28%, 65%
XYZ	23.5701, 21.0462, 38.6116
YIQ	128.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

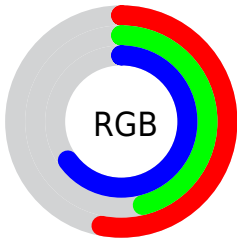
Format	Color
R_{YB}	136, 118, 165
Decimal	8943269
CIE _{Lab}	53.00, 16.72, -22.60
CIE _{LCh}	53, 28.109, 306.494
Yxy	21.0462, 0.2832, 0.2529
Android (android.graphics.Color)	4287133349 (0xFF8876A5)
YUV	128.7400, 17.8762, 6.3670
Hunter-Lab	45.8761, 11.4261, -17.7882

Details

The CIELCh color $53, 28.109, 306.494$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $65, 26.761, 123.443$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 28.184, 306.741$, and $33, 27.774, 305.937$ is the 20% darker color. If you saturate the color by 10%, you get $48, 38.531, 307.170$, and if you desaturate by 10%, it is $58, 17.942, 305.869$.

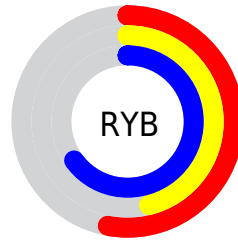
Distribution



Red (53%)

Green (46%)

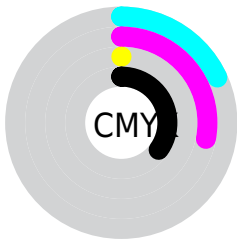
Blue (65%)



Red (53%)

Yellow (46%)

Blue (65%)

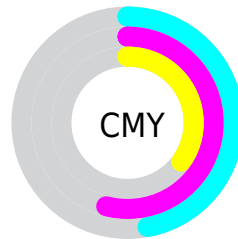


Cyan (18%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 28.109, 306.494 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, 28.109, 306.494 by changing the saturation by 10% instead.

 53, 28.109,
306.494

 53, 28.109,
306.494

 100, 28.109,
306.494

 43, 28.109,
306.494

 73, 28.109,
306.494

 33, 28.109,
306.494

 83, 28.109,
306.494

 23, 28.109,
306.494

 93, 28.109,
306.494

 13, 28.109,
306.494

 3, 28.109, 306.494

 0, 28.109, 306.494

53, 28.109,
306.494

53, 28.109,
306.494

48, 38.531,
307.170

58, 17.942,
305.869

43, 49.112,
307.881

63, 8.077, 305.302

38, 59.654,
308.588

69, 1.472, 124.856

33, 69.804,
309.227

74, 10.708,
124.375

29, 78.985,
309.697

79, 19.639,
123.986

26, 86.397,
309.862

84, 28.282,
123.649


23, 91.595,
309.673

89, 36.650,
123.358

23, 92.389,

95, 44.759,
123.108

309.658

 96, 46.042,
119.692

Harmonies

Complementary

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



53, 28.109, 306.494



65, 26.761, 123.443

Rectangle

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



53, 28.109, 306.494



53, 28.109, 356.494



53, 28.109, 126.494



53, 28.109, 176.494

Sweetspot

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



53, 28.108, 306.494



80, 10.657, 305.342



60, 13.951, 243.309



41, 7.409, 305.418



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



53, 28.108, 306.494



64, 41.860, 306.907



55, 30.857, 322.068



32, 5.369, 305.347



20, 83.921, 309.772



1, 8.195, 303.554

Inverse Universe

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



55, 24.589, 340.075



67, 36.271, 340.642



64, 30.612, 139.183



32, 4.787, 338.486



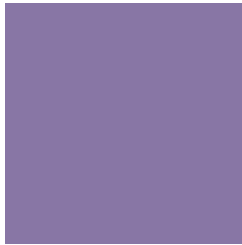
31, 58.144, 350.852



1, 7.094, 340.542

Previews

White Background



This preview shows how the CIELCh color 53, 28.109, 306.494 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 CIELCh color 53, 28.109, 306.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

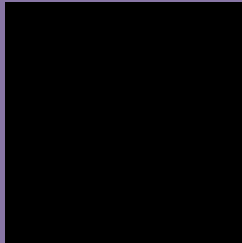
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 28.109, 306.494

Background



This preview shows how black text looks on a background with the CIELCh color 53, 28.109, 306.494.



This preview shows how white text looks on a background with the CIELCh color 53, 28.109, 306.494.

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



Original Color

53, 28.109, 306.494

Protanopia

53, 26.168, 285.288

Deuteranopia

53, 23.184, 288.742



Tritanopia
53, 6.441, 316.012

Trichromacy



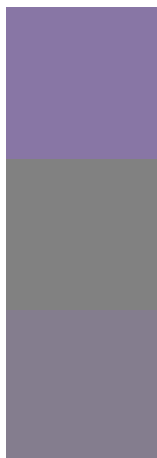
Original Color
53, 28.109, 306.494

Protanomaly
53, 26.059, 292.576

Deuteranomaly
53, 24.980, 295.582

Tritanomaly
53, 14.033, 309.025

Monochromacy



Original Color
53, 28.109, 306.494

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.231, 306.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 28.109, 306.494 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(136, 118, 165)` looks like.

```
.text, #text, p{  
    color:rgb(136, 118, 165)  
}
```

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(136, 118, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 118, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 28.109, 306.494 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(136, 118, 165) }
```

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

```
.border{ border-color:rgb(136, 118, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 118, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 118, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 118, 165);  
box-shadow:4px 4px 4px 4px rgb(136, 118,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 28.109, 306.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 118, 165) }
```

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

```
.background{ background-color: rgb(136,  
118, 165) }
```

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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