

Converting Colors

CIELCh(53, 26.846, 297.843)

Have a look what the booklet for
CIELCh(53, 26.846, 297.843)
contains.

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Color

CIELCh(53, 26.808, 297.826)

Conversions

Conversions Part 1

Format	Color
Hex	7F79A7
RGB	127, 121, 167
RGB Percent	50%, 47%, 65%
CMY	0.5012, 0.5247, 0.3443
CMYK	0.24, 0.28, 0.00, 0.34
HSL	248°, 21%, 57%
HSV	248°, 28%, 66%
XYZ	22.6365, 21.0462, 39.5277
YIQ	128.0380, -11.1900, 15.5780

Conversions

Conversions Part 2

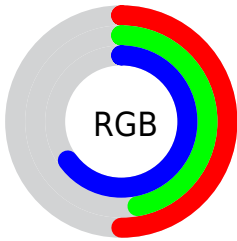
Format	Color
R_{YB}	127, 121, 167
Decimal	8354215
CIE _{Lab}	53.00, 12.51, -23.71
CIE _{LCh}	53, 26.808, 297.826
Yxy	21.0462, 0.2720, 0.2529
Android (android.graphics.Color)	4286544295 (0xFF7F79A7)
YUV	128.0380, 19.2083, -0.9103
Hunter-Lab	45.8761, 7.7933, -18.9721

Details

The CIELCh color $53, 26.808, 297.826$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $67, 25.179, 113.206$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.830, 297.720$, and $33, 26.565, 297.615$ is the 20% darker color. If you saturate the color by 10%, you get $47, 37.277, 299.018$, and if you desaturate by 10%, it is $59, 16.732, 296.787$.

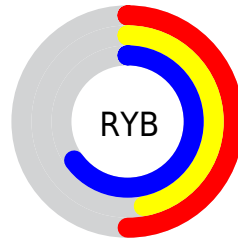
Distribution



Red (50%)

Green (47%)

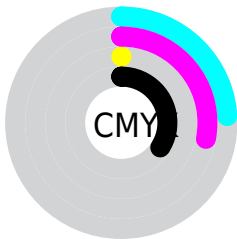
Blue (65%)



Red (50%)

Yellow (47%)

Blue (65%)

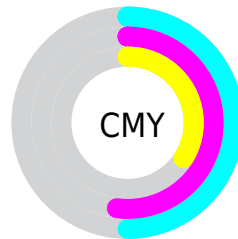


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (34%)



Cyan (50%)


Magenta (52%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.808, 297.826 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, 26.808, 297.826 by changing the saturation by 10% instead.


 53, 26.808,
297.826


 53, 26.808,
297.826


 100, 26.808,
297.826


 43, 26.808,
297.826


 73, 26.808,
297.826

 33, 26.808,
297.826

 83, 26.808,
297.826

 23, 26.808,
297.826

 93, 26.808,
297.826

 13, 26.808,
297.826

 3, 26.808, 297.826

 0, 26.808, 297.826

53, 26.808,
297.826

53, 26.808,
297.826

47, 37.277,
299.018

59, 16.732,
296.787

42, 48.115,
300.365

64, 7.046, 295.891

70, 2.271, 115.113

36, 59.212,
301.841

76, 11.244,
114.455

31, 70.285,
303.376

81, 19.894,
113.887

27, 80.721,
304.827

87, 28.244,
113.399

23, 89.449,
305.969


92, 36.313,
112.978

20, 95.407,
306.627

97, 44.121,
112.615

20, 96.747,

306.807

 98, 43.889,
106.825

Harmonies

Complementary

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



53, 26.808, 297.826



67, 25.179, 113.206

Rectangle

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



53, 26.808, 297.826



53, 26.808, 347.826



53, 26.808, 117.826



53, 26.808, 167.826

Sweetspot

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



53, 26.807, 297.826



81, 9.272, 295.944



64, 14.409, 210.316



42, 6.660, 296.068



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, 26.807, 297.826



64, 40.187, 298.531



55, 28.477, 314.213



33, 5.350, 296.040



17, 88.339, 306.860



1, 9.597, 294.588

Inverse Universe

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



57, 28.563, 329.829



69, 42.207, 330.197



65, 27.710, 131.812



33, 5.877, 328.728



34, 69.634, 334.097



2, 10.328, 329.690

Previews

White Background



This preview shows how the CIELCh color 53, 26.808, 297.826 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, 26.808, 297.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

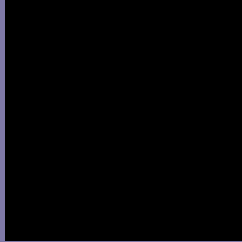
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 26.808, 297.826

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.808, 297.826.



This preview shows how white text looks on a background with the CIELCh color 53, 26.808, 297.826.

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, 26.808, 297.826

Protanopia

53, 26.168, 285.288

Deuteranopia

53, 24.945, 287.750



Tritanopia
53, 6.175, 269.202

Trichromacy



Original Color
53, 26.808, 297.826

Protanomaly
53, 26.051, 289.608

Deuteranomaly
53, 25.486, 291.731

Tritanomaly
53, 13.328, 288.658

Monochromacy



Original Color
53, 26.808, 297.826

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.300, 295.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.808, 297.826 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(127, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 167)  
}
```

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(127, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.808, 297.826 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(127, 121, 167) }
```

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

```
.border{ border-color:rgb(127, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.808, 297.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 167) }
```

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

```
.background{ background-color: rgb(127,  
121, 167) }
```

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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