

Converting Colors

CIELCh(53, 26.483, 293.806)

Have a look what the booklet for
CIELCh(53, 26.483, 293.806)
contains.

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Color

CIELCh(53, 26.680, 294.135)

Conversions

Conversions Part 1

Format	Color
Hex	7B7AA8
RGB	123, 122, 168
RGB Percent	48%, 48%, 66%
CMY	0.5166, 0.5206, 0.3401
CMYK	0.27, 0.27, 0.00, 0.34
HSL	241°, 21%, 57%
HSV	241°, 27%, 66%
XYZ	22.2867, 21.0462, 40.0617
YIQ	127.5430, -14.1700, 14.5180

Conversions

Conversions Part 2

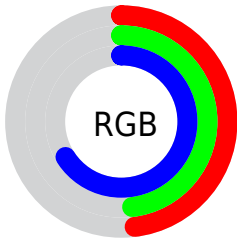
Format	Color
R_{YB}	123, 122, 168
Decimal	8092328
CIE Lab	53.00, 10.91, -24.35
CIE LCh	53, 26.680, 294.135
Yxy	21.0462, 0.2672, 0.2524
Android (android.graphics.Color)	4286282408 (0xFF7B7AA8)
YUV	127.5430, 19.9453, -3.9842
Hunter-Lab	45.8761, 6.4324, -19.6622

Details

The CIELCh color $53, 26.680, 294.135$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $68, 25.018, 108.530$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.692, 294.132$, and $33, 27.149, 294.724$ is the 20% darker color. If you saturate the color by 10%, you get $47, 37.206, 295.640$, and if you desaturate by 10%, it is $59, 16.580, 292.844$.

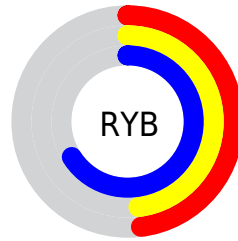
Distribution



Red (48%)

Green (48%)

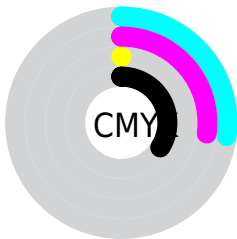
Blue (66%)



Red (48%)

Yellow (48%)

Blue (66%)

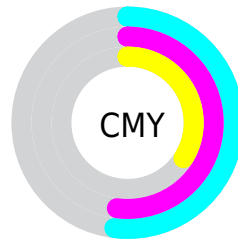


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (34%)



Cyan (52%)


Magenta (52%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.680, 294.135 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, 26.680, 294.135 by changing the saturation by 10% instead.


 53, 26.680,
294.135


 53, 26.680,
294.135


 100, 26.680,
294.135


 43, 26.680,
294.135


 73, 26.680,
294.135

 33, 26.680,
294.135

 83, 26.680,
294.135

 23, 26.680,
294.135

 93, 26.680,
294.135

 13, 26.680,
294.135

 3, 26.680, 294.135

 0, 26.680, 294.135

■ 53, 26.680,
294.135

■ 53, 26.680,
294.135

■ 47, 37.206,
295.640

■ 59, 16.580,
292.844

■ 41, 48.159,
297.372

■ 65, 6.887, 291.748

■ 70, 2.428, 110.784

■ 36, 59.456,
299.310

■ 76, 11.394,
110.002

■ 31, 70.828,
301.371

■ 82, 20.036,
109.321

■ 26, 81.619,
303.372

■ 88, 28.377,
108.736

■ 22, 90.603,
305.026


■ 93, 36.437,
108.233

■ 20, 96.504,
306.093

■ 98, 43.377,
106.904

■ 19, 97.896,

306.359

 98, 43.377,
106.864

Harmonies

Complementary

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



53, 26.680, 294.135



68, 25.018, 108.530

Rectangle

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



53, 26.680, 294.135



53, 26.680, 344.135



53, 26.680, 114.135



53, 26.680, 164.135

Sweetspot

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



53, 26.679, 294.134



82, 9.317, 291.829



66, 15.801, 199.644



42, 6.630, 291.980



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, 26.679, 294.134



64, 40.464, 295.050



55, 27.927, 310.918



32, 5.325, 291.946



16, 89.027, 306.371



0, 9.561, 290.918

Inverse Universe

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



57, 30.725, 326.504



70, 45.865, 326.835



66, 26.943, 128.416



33, 6.335, 325.510



35, 75.710, 329.103



2, 11.431, 325.269

Previews

White Background



This preview shows how the CIELCh color 53, 26.680, 294.135 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, 26.680, 294.135 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, 26.680, 294.135

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.680, 294.135.



This preview shows how white text looks on a background with the CIELCh color 53, 26.680, 294.135.

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

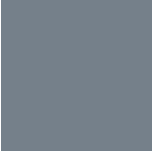
53, 26.680, 294.135

Protanopia

53, 26.168, 285.288

Deuteranopia

53, 24.965, 286.213



Tritanopia
53, 7.028, 254.799

Trichromacy



Original Color
53, 26.680, 294.135

Protanomaly
53, 26.088, 288.159

Deuteranomaly
53, 25.478, 289.445

Tritanomaly
53, 13.490, 280.943

Monochromacy



Original Color
53, 26.680, 294.135

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 9.836, 291.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.680, 294.135 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(123, 122, 168)` looks like.

```
.text, #text, p{  
    color:rgb(123, 122, 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(123, 122, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 122, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.680, 294.135 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(123, 122, 168) }
```

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

```
.border{ border-color:rgb(123, 122, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 122, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 122, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 122, 168);  
box-shadow:4px 4px 4px 4px rgb(123, 122,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.680, 294.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 122, 168) }
```

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

```
.background{ background-color: rgb(123,  
122, 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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