

Converting Colors

CIELCh(53, 10.326, 309.748)

Have a look what the booklet for
CIELCh(53, 10.326, 309.748)
contains.

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Color

CIELCh(53, 10.491, 310.598)

Conversions

Conversions Part 1

Format	Color
Hex	847B8C
RGB	132, 123, 140
RGB Percent	52%, 48%, 55%
CMY	0.4815, 0.5168, 0.4501
CMYK	0.06, 0.12, 0.00, 0.45
HSL	272°, 7%, 52%
HSV	272°, 12%, 55%
XYZ	21.4132, 21.0462, 27.8340
YIQ	127.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

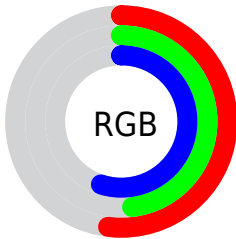
Format	Color
RYB	132, 123, 140
Decimal	8682380
CIELab	53.00, 6.83, -7.97
CIELCh	53, 10.491, 310.598
Yxy	21.0462, 0.3046, 0.2994
Android (android.graphics.Color)	4286872460 (0xFF847B8C)
YUV	127.6290, 6.0989, 3.8334
Hunter-Lab	45.8761, 3.0335, -3.8592

Details

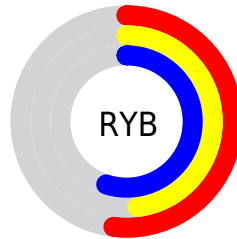
The CIELCh color $53, 10.491, 310.598$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 10.330, 129.585$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 11.004, 310.397$, and $33, 10.819, 311.932$ is the 20% darker color. If you saturate the color by 10%, you get $49, 19.385, 311.065$, and if you desaturate by 10%, it is $57, 1.819, 310.122$.

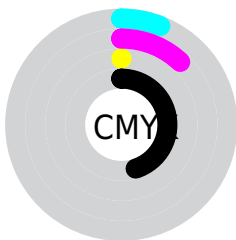
Distribution



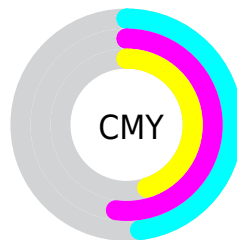
- Red (52%)
- Green (48%)
- Blue (55%)



- Red (52%)
- Yellow (48%)
- Blue (55%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)





- Cyan (48%)
- Magenta (52%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 10.491, 310.598 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, 10.491, 310.598 by changing the saturation by 10% instead.


 53, 10.491,
310.598


 53, 10.491,
310.598


 100, 10.491,
310.598


 43, 10.491,
310.598


 73, 10.491,
310.598

 33, 10.491,
310.598

 83, 10.491,
310.598

 23, 10.491,
310.598

 93, 10.491,
310.598

 13, 10.491,
310.598

 3, 10.491, 310.598

 0, 10.491, 310.598

■ 53, 10.491,
310.598

■ 53, 10.491,
310.598

■ 49, 19.385,
311.065

■ 57, 1.819, 310.122

■ 44, 28.461,
311.556

■ 62, 6.608, 129.799

■ 40, 37.633,
312.056

■ 66, 14.784,
129.438

■ 36, 46.752,
312.537

■ 71, 22.714,
129.122

■ 32, 55.574,
312.956

■ 75, 30.405,
128.843

■ 29, 63.727,
313.250

■ 79, 37.868,
128.598

■ 25, 70.706,
313.335

■ 84, 45.113,
128.384

■ 23, 75.945,

■ 88, 52.154,
128.199

313.110

■ 92, 59.002,
128.038

■ 21, 79.288,
312.838

Harmonies

Complementary

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



53, 10.491, 310.598



57, 10.330, 129.585

Rectangle

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



53, 10.491, 310.598



53, 10.491, 0.598



53, 10.491, 130.598



53, 10.491, 180.598

Sweetspot

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



53, 10.489, 310.596



72, 4.221, 310.229



55, 5.876, 258.824



37, 3.025, 310.262



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 10.489, 310.596



66, 16.052, 310.743



54, 11.752, 325.518



27, 4.791, 310.461



20, 76.095, 312.897



0, 2.198, 310.086

Inverse Universe

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



53, 8.228, 346.247



66, 12.586, 346.545



57, 11.737, 144.196



27, 3.759, 345.971



28, 52.045, 3.440



0, 1.724, 345.261

Previews

White Background



This preview shows how the CIELCh color 53, 10.491, 310.598 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, 10.491, 310.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

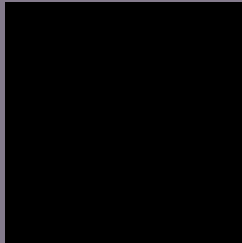
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 10.491, 310.598

Background



This preview shows how black text looks on a background with the CIELCh color 53, 10.491, 310.598.



This preview shows how white text looks on a background with the CIELCh color 53, 10.491, 310.598.

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, 10.491, 310.598

Protanopia

53, 9.276, 286.673

Deuteranopia

53, 10.491, 310.598



Tritanopia
53, 6.441, 316.012

Trichromacy



Original Color
53, 10.491, 310.598

Protanomaly
53, 9.313, 295.999

Deuteranomaly
53, 10.491, 310.598

Tritanomaly
53, 7.501, 312.269

Monochromacy



Original Color
53, 10.491, 310.598

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 3.831, 314.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 10.491, 310.598 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(132, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 140)  
}
```

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(132, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 10.491, 310.598 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(132, 123, 140) }
```

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

```
.border{ border-color:rgb(132, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 10.491, 310.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 140) }
```

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

```
.background{ background-color: rgb(132,  
123, 140) }
```

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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