

Converting Colors

CIELCh(53, 9.733, 308.280)

Have a look what the booklet for
CIELCh(53, 9.733, 308.280) contains.

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Color

CIELCh(53, 9.690, 307.384)

Conversions

Conversions Part 1

Format	Color
Hex	837C8C
RGB	131, 124, 140
RGB Percent	51%, 49%, 55%
CMY	0.4872, 0.5147, 0.4520
CMYK	0.06, 0.11, 0.00, 0.45
HSL	266°, 6%, 52%
HSV	266°, 11%, 55%
XYZ	21.2145, 21.0462, 27.6592
YIQ	127.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

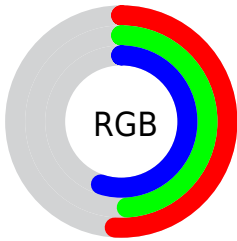
Format	Color
R_{YB}	131, 124, 140
Decimal	8617100
CIE Lab	53.00, 5.88, -7.70
CIE LCh	53, 9.690, 307.384
Yxy	21.0462, 0.3034, 0.3010
Android (android.graphics.Color)	4286807180 (0xFF837C8C)
YUV	127.9170, 5.9569, 2.7038
Hunter-Lab	45.8761, 2.2607, -3.6334

Details

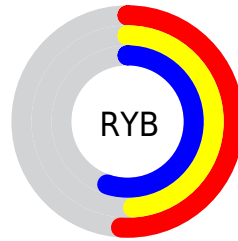
The CIELCh color **53, 9.690, 307.384** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57, 9.519, 126.338**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 9.616, 306.351**, and **33, 9.941, 308.623** is the 20% darker color. If you saturate the color by 10%, you get **49, 18.421, 307.908**, and if you desaturate by 10%, it is **58, 1.210, 306.855**.

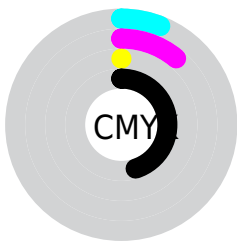
Distribution



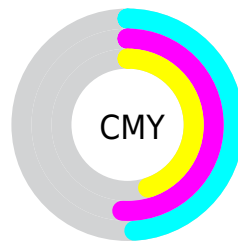
- Red (51%)
- Green (49%)
- Blue (55%)



- Red (51%)
- Yellow (49%)
- Blue (55%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.690, 307.384 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, 9.690, 307.384 by changing the saturation by 10% instead.

■ 53, 9.690, 307.384

■ 53, 9.690, 307.384

■ 100, 9.690,
307.384

■ 43, 9.690, 307.384

■ 73, 9.690, 307.384

■ 33, 9.690, 307.384

■ 83, 9.690, 307.384

■ 23, 9.690, 307.384

■ 93, 9.690, 307.384

■ 13, 9.690, 307.384

■ 3, 9.690, 307.384

■ 0, 9.690, 307.384

■ 53, 9.690, 307.384

■ 53, 9.690, 307.384

■ 49, 18.421,
307.908

■ 58, 1.210, 306.855

■ 62, 7.007, 126.505

44, 27.383,
308.476

66, 14.966,
126.126

40, 36.513,
309.077

71, 22.675,
125.796

35, 45.696,
309.685

75, 30.145,
125.509

31, 54.724,
310.260

80, 37.388,
125.259

27, 63.251,
310.735

84, 44.418,
125.044

24, 70.758,
311.013

88, 51.247,
124.859

21, 76.598,
310.974

93, 57.886,
124.700

20, 80.628,
310.818

Harmonies

Complementary

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



53, 9.690, 307.384



57, 9.519, 126.338

Rectangle

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



53, 9.690, 307.384



53, 9.690, 357.384



53, 9.690, 127.384



53, 9.690, 177.384

Sweetspot

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



53, 9.688, 307.382



72, 3.103, 306.961



55, 5.204, 249.279



38, 2.373, 307.001



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, 9.688, 307.382



66, 14.703, 307.527



54, 10.956, 323.184



27, 4.704, 307.266



18, 77.570, 310.873



0, 2.156, 306.850

Inverse Universe

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



54, 8.230, 341.267



67, 12.470, 341.507



57, 10.927, 142.055



27, 4.000, 341.075



28, 53.216, 355.137



0, 1.839, 340.422

Previews

White Background



This preview shows how the CIELCh color 53, 9.690, 307.384 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, 9.690, 307.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

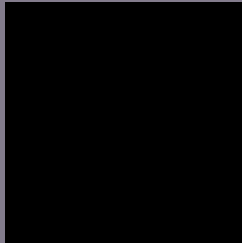
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 9.690, 307.384

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.690, 307.384.



This preview shows how white text looks on a background with the CIELCh color 53, 9.690, 307.384.

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, 9.690, 307.384

Protanopia

53, 8.683, 288.758

Deuteranopia

53, 10.625, 312.578



Tritanopia
53, 5.591, 311.241

Trichromacy



Original Color

53, 9.690, 307.384

Protanomaly

53, 9.313, 295.999

Deuteranomaly

53, 10.491, 310.598

Tritanomaly

53, 6.686, 307.817

Monochromacy



Original Color

53, 9.690, 307.384

Achromatopsia

54, 0.007, 296.813

Achromatomaly

53, 3.684, 309.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.690, 307.384 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(131, 124, 140)` looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 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(131, 124, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.690, 307.384 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(131, 124, 140) }
```

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

```
.border{ border-color:rgb(131, 124, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 124, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 140);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.690, 307.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 140) }
```

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

```
.background{ background-color: rgb(131,  
124, 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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