

Converting Colors

CIELCh(53, 5.914, 337.101)

Have a look what the booklet for
CIELCh(53, 5.914, 337.101) contains.

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Color

CIELCh(53, 5.695, 334.731)

Conversions

Conversions Part 1

Format	Color
Hex	867C83
RGB	134, 124, 131
RGB Percent	53%, 49%, 51%
CMY	0.4753, 0.5145, 0.4871
CMYK	0.00, 0.07, 0.02, 0.48
HSL	318°, 4%, 51%
HSV	318°, 7%, 52%
XYZ	21.0610, 21.0462, 24.3494
YIQ	127.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

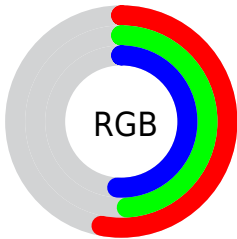
Format	Color
R_{YB}	134, 124, 131
Decimal	8813699
CIE Lab	53.00, 5.15, -2.43
CIE LCh	53, 5.695, 334.731
Yxy	21.0462, 0.3169, 0.3167
Android (android.graphics.Color)	4287003779 (0xFF867C83)
YUV	127.7880, 1.5835, 5.4479
Hunter-Lab	45.8761, 1.6634, 0.6442

Details

The CIELCh color $53, 5.695, 334.731$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 5.667, 153.834$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 5.349, 334.584$, and $33, 5.895, 331.909$ is the 20% darker color. If you saturate the color by 10%, you get $49, 13.403, 335.445$, and if you desaturate by 10%, it is $57, 1.900, 154.264$.

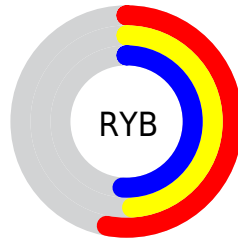
Distribution



Red (53%)

Green (49%)

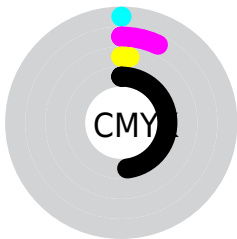
Blue (51%)



Red (53%)

Yellow (49%)

Blue (51%)

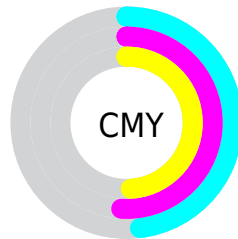


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 5.695, 334.731 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, 5.695, 334.731 by changing the saturation by 10% instead.

■ 53, 5.695, 334.731

■ 53, 5.695, 334.731

■ 100, 5.695,
334.731

■ 43, 5.695, 334.731

■ 73, 5.695, 334.731

■ 33, 5.695, 334.731

■ 83, 5.695, 334.731

■ 23, 5.695, 334.731

■ 93, 5.695, 334.731

■ 13, 5.695, 334.731

■ 3, 5.695, 334.731

■ 0, 5.695, 334.731

■ 53, 5.695, 334.731

■ 53, 5.695, 334.731

■ 49, 13.403,
335.445

■ 57, 1.900, 154.264

■ 61, 9.321, 153.548

46, 21.135,
336.181

65, 16.538,
152.960

42, 28.744,
336.963

69, 23.541,
152.412

39, 36.020,
337.804

72, 30.327,
151.897

36, 42.686,
338.723

76, 36.903,
151.413

34, 48.409,
339.747

80, 43.279,
150.957

32, 52.841,
340.919

84, 49.468,
150.527

30, 55.707,
342.296

88, 55.481,
150.123

29, 57.128,
343.904

Harmonies

Complementary

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



53, 5.695, 334.731



55, 5.667, 153.834

Rectangle

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



53, 5.695, 334.731



53, 5.695, 24.731



53, 5.695, 154.731



53, 5.695, 204.731

Sweetspot

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



53, 5.693, 334.734



70, 1.879, 334.260



52, 5.935, 302.217



36, 1.064, 334.239



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 5.693, 334.734



67, 8.488, 334.858



53, 4.193, 3.825



26, 4.272, 334.852



28, 56.322, 344.256



0, 1.016, 334.286

Inverse Universe

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



53, 5.693, 334.734



67, 8.488, 334.858



55, 4.074, 182.705



26, 4.272, 334.852



28, 56.322, 344.256



0, 1.016, 334.286

Previews

White Background



This preview shows how the CIELCh color 53, 5.695, 334.731 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, 5.695, 334.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

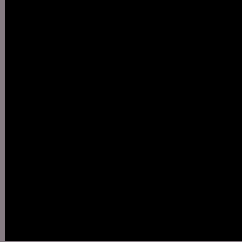
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 5.695, 334.731

Background



This preview shows how black text looks on a background with the CIELCh color 53, 5.695, 334.731.



This preview shows how white text looks on a background with the CIELCh color 53, 5.695, 334.731.

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

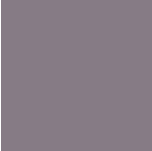
53, 5.695, 334.731

Protanopia

53, 3.504, 297.025

Deuteranopia

53, 7.266, 340.725



Tritanopia
53, 7.269, 327.423

Trichromacy



Original Color
53, 5.695, 334.731

Protanomaly
53, 4.370, 311.713

Deuteranomaly
53, 6.963, 338.569

Tritanomaly
53, 6.820, 330.352

Monochromacy



Original Color
53, 5.695, 334.731

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.368, 332.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 5.695, 334.731 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(134, 124, 131)` looks like.

```
.text, #text, p{  
    color:rgb(134, 124, 131)  
}
```

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(134, 124, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 124, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 5.695, 334.731 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(134, 124, 131) }
```

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

```
.border{ border-color:rgb(134, 124, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 124, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 124, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 124, 131);  
box-shadow:4px 4px 4px 4px rgb(134, 124,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 5.695, 334.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 124, 131) }
```

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

```
.background{ background-color: rgb(134,  
124, 131) }
```

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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