

Converting Colors

CIELCh(55, 4.340, 342.942)

Have a look what the booklet for
CIELCh(55, 4.340, 342.942) contains.

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Color

CIELCh(55, 4.597, 341.204)

Conversions

Conversions Part 1

Format	Color
Hex	8A8186
RGB	138, 129, 134
RGB Percent	54%, 51%, 53%
CMY	0.4577, 0.4930, 0.4734
CMYK	0.00, 0.07, 0.03, 0.46
HSL	327°, 4%, 52%
HSV	327°, 7%, 54%
XYZ	22.7372, 22.9298, 25.8840
YIQ	132.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

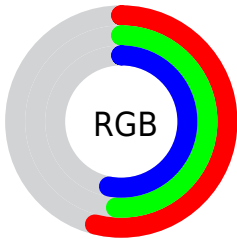
Format	Color
R_{YB}	138, 129, 134
Decimal	9077126
CIE Lab	55.00, 4.35, -1.48
CIE LCh	55, 4.597, 341.204
Yxy	22.9298, 0.3178, 0.3205
Android (android.graphics.Color)	4287267206 (0xFF8A8186)
YUV	132.2610, 0.8573, 5.0331
Hunter-Lab	47.8851, 0.9577, 1.4708

Details

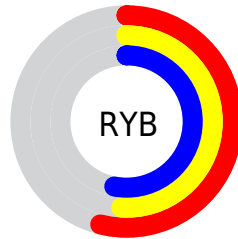
The CIELCh color $55, 4.597, 341.204$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.559, 160.351$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 4.323, 341.052$, and $35, 4.269, 344.293$ is the 20% darker color. If you saturate the color by 10%, you get $51, 11.767, 342.058$, and if you desaturate by 10%, it is $59, 2.424, 160.652$.

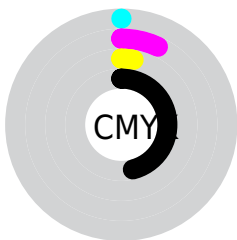
Distribution



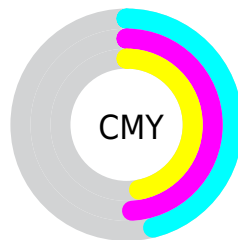
- Red (54%)
- Green (51%)
- Blue (53%)



- Red (54%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.597, 341.204 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 55, 4.597, 341.204 by changing the saturation by 10% instead.

■ 55, 4.597, 341.204

■ 55, 4.597, 341.204

■ 100, 4.597,
341.204

■ 45, 4.597, 341.204

■ 75, 4.597, 341.204

■ 35, 4.597, 341.204

■ 85, 4.597, 341.204

■ 25, 4.597, 341.204

■ 95, 4.597, 341.204

■ 15, 4.597, 341.204

■ 5, 4.597, 341.204

■ 0, 4.597, 341.204

■ 55, 4.597, 341.204

■ 55, 4.597, 341.204

■ 51, 11.767,
342.058

■ 59, 2.424, 160.652

■ 63, 9.248, 159.877

47, 19.013,
342.958

67, 15.857,
159.228

44, 26.206,
343.953

71, 22.247,
158.630

40, 33.158,
345.076

75, 28.422,
158.075

37, 39.606,
346.372

79, 34.393,
157.558

35, 45.225,
347.906

83, 40.172,
157.073

32, 49.666,
349.767

88, 45.773,
156.620

31, 52.646,
352.072

92, 51.210,
156.194

30, 54.195,
354.900

Harmonies

Complementary

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



55, 4.597, 341.204



57, 4.559, 160.351

Rectangle

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



55, 4.597, 341.204



55, 4.597, 31.204



55, 4.597, 161.204



55, 4.597, 211.204

Sweetspot

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



55, 4.595, 341.210



72, 1.734, 340.730



55, 5.421, 306.992



37, 0.982, 340.704



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 4.595, 341.210



69, 6.968, 341.352



55, 3.621, 14.241



27, 3.980, 341.435



28, 53.079, 355.760



0, 1.830, 340.778

Inverse Universe

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



55, 4.595, 341.210



69, 6.968, 341.352



57, 3.497, 193.548



27, 3.980, 341.435



28, 53.079, 355.760



0, 1.830, 340.778

Previews

White Background



This preview shows how the CIELCh color 55, 4.597, 341.204 looks on a white background.

Color Contrast Check

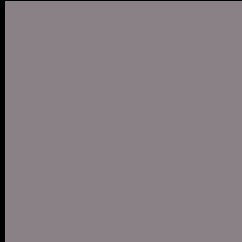
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 4.597, 341.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

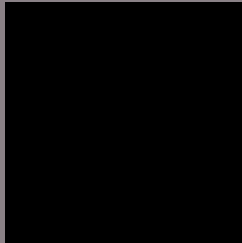
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 4.597, 341.204

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.597, 341.204.



This preview shows how white text looks on a background with the CIELCh color 55, 4.597, 341.204.

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

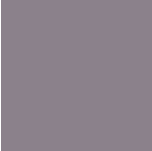
55, 4.597, 341.204

Protanopia

55, 2.443, 309.156

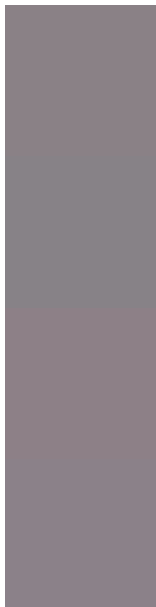
Deuteranopia

55, 7.200, 346.322



Tritanopia
55, 6.983, 324.795

Trichromacy



Original Color

55, 4.597, 341.204

Protanomaly

55, 3.504, 324.582

Deuteranomaly

55, 6.554, 342.308

Tritanomaly

55, 6.076, 330.920

Monochromacy



Original Color

55, 4.597, 341.204

Achromatopsia

56, 0.007, 296.813

Achromatomaly

55, 1.326, 353.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 4.597, 341.204 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(138, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(138, 129, 134)  
}
```

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(138, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 129, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.597, 341.204 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(138, 129, 134) }
```

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

```
.border{ border-color:rgb(138, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(138, 129,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.597, 341.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 129, 134) }
```

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

```
.background{ background-color: rgb(138,  
129, 134) }
```

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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