

Converting Colors

CIELCh(55, 7.862, 345.107)

Have a look what the booklet for
CIELCh(55, 7.862, 345.107) contains.

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Color

CIELCh(55, 8.184, 346.221)

Conversions

Conversions Part 1

Format	Color
Hex	907F87
RGB	144, 127, 135
RGB Percent	56%, 50%, 53%
CMY	0.4345, 0.5012, 0.4698
CMYK	0.00, 0.12, 0.06, 0.43
HSL	332°, 7%, 53%
HSV	332°, 12%, 57%
XYZ	23.5368, 22.9298, 26.1785
YIQ	132.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

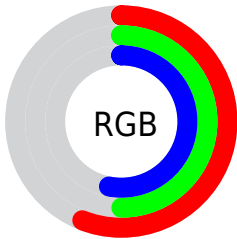
Format	Color
R_YB	144, 127, 135
Decimal	9469831
CIE Lab	55.00, 7.95, -1.95
CIE LCh	55, 8.184, 346.221
Yxy	22.9298, 0.3240, 0.3156
Android (android.graphics.Color)	4287659911 (0xFF907F87)
YUV	132.9950, 0.9885, 9.6514
Hunter-Lab	47.8851, 3.9384, 1.1062

Details

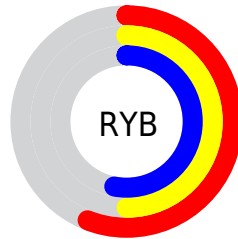
The CIELCh color $55, 8.184, 346.221$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.045, 164.323$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.009, 347.498$, and $35, 8.185, 348.578$ is the 20% darker color. If you saturate the color by 10%, you get $51, 15.285, 347.189$, and if you desaturate by 10%, it is $59, 1.230, 345.150$.

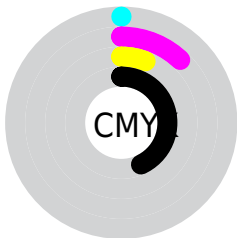
Distribution



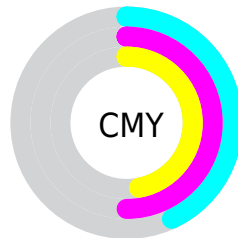
- Red (56%)
- Green (50%)
- Blue (53%)



- Red (56%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (43%)



- Cyan (43%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.184, 346.221 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, 8.184, 346.221 by changing the saturation by 10% instead.

■ 55, 8.184, 346.221

■ 55, 8.184, 346.221

■ 100, 8.184,
346.221

■ 45, 8.184, 346.221

■ 75, 8.184, 346.221

■ 35, 8.184, 346.221

■ 85, 8.184, 346.221

■ 25, 8.184, 346.221

■ 95, 8.184, 346.221

■ 15, 8.184, 346.221

■ 5, 8.184, 346.221

■ 0, 8.184, 346.221

■ 55, 8.184, 346.221

■ 55, 8.184, 346.221

■ 51, 15.285,
347.189

■ 59, 1.230, 345.150

■ 63, 5.520, 164.705

47, 22.444,
348.262

68, 12.041,
163.969

43, 29.506,
349.489

72, 18.329,
163.312

40, 36.251,
350.926

76, 24.389,
162.709

37, 42.381,
352.648

80, 30.230,
162.151

34, 47.554,
354.762

85, 35.867,
161.633

32, 51.450,
357.406

89, 41.317,
161.150

31, 53.896, 0.738

92, 45.520,
161.272

30, 55.290, 3.834

Harmonies

Complementary

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



55, 8.184, 346.221



58, 8.045, 164.323

Rectangle

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



55, 8.184, 346.221



55, 8.184, 36.221



55, 8.184, 166.221



55, 8.184, 216.221

Sweetspot

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



55, 8.182, 346.225



74, 3.424, 345.487



55, 10.404, 310.148



39, 2.428, 345.561



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 8.182, 346.225



69, 12.135, 346.460



55, 6.789, 21.438



28, 3.874, 345.983



28, 52.762, 3.540



1, 2.586, 345.267

Inverse Universe

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



55, 8.182, 346.225



69, 12.135, 346.460



58, 6.309, 200.331



28, 3.874, 345.983



28, 52.762, 3.540



1, 2.586, 345.267

Previews

White Background



This preview shows how the CIELCh color 55, 8.184, 346.221 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 55, 8.184, 346.221 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, 8.184, 346.221

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.184, 346.221.



This preview shows how white text looks on a background with the CIELCh color 55, 8.184, 346.221.

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, 8.184, 346.221

Protanopia

55, 3.479, 297.014

Deuteranopia

55, 7.200, 346.322



Tritanopia
55, 8.860, 340.037

Trichromacy



Original Color
55, 8.184, 346.221

Protanomaly
55, 4.200, 324.629

Deuteranomaly
55, 7.200, 346.322

Tritanomaly
55, 8.509, 343.004

Monochromacy



Original Color
55, 8.184, 346.221

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 2.946, 343.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.184, 346.221 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(144, 127, 135)` looks like.

```
.text, #text, p{  
    color:rgb(144, 127, 135)  
}
```

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(144, 127, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 127, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.184, 346.221 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(144, 127, 135) }
```

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

```
.border{ border-color:rgb(144, 127, 135) }
```

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

Here you see how a box with a 4 pixel rgb(144, 127, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 127, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 127, 135);  
box-shadow:4px 4px 4px 4px rgb(144, 127,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.184, 346.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 127, 135) }
```

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

```
.background{ background-color: rgb(144,  
127, 135) }
```

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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