

Converting Colors

CIELCh(55, 13.744, 336.405)

Have a look what the booklet for
CIELCh(55, 13.744, 336.405)
contains.

CIELCh(55, 13.175, 336.774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 13.175, 336.774)

Conversions

Conversions Part 1

Format	Color
Hex	957D8D
RGB	149, 125, 141
RGB Percent	58%, 49%, 55%
CMY	0.4162, 0.5103, 0.4476
CMYK	0.00, 0.16, 0.05, 0.42
HSL	320°, 10%, 54%
HSV	320°, 16%, 58%
XYZ	24.4844, 22.9298, 28.2826
YIQ	134.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

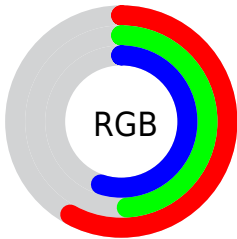
Format	Color
R_{YB}	149, 125, 141
Decimal	9797005
CIE Lab	55.00, 12.11, -5.20
CIE LCh	55, 13.175, 336.774
Yxy	22.9298, 0.3235, 0.3029
Android (android.graphics.Color)	4287987085 (0xFF957D8D)
YUV	134.0000, 3.4510, 13.1550
Hunter-Lab	47.8851, 7.4710, -1.4991

Details

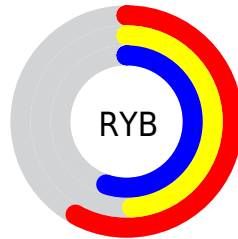
The CIELCh color $55, 13.175, 336.774$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 13.063, 154.504$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 13.052, 335.941$, and $35, 13.191, 336.523$ is the 20% darker color. If you saturate the color by 10%, you get $51, 21.431, 337.549$, and if you desaturate by 10%, it is $59, 4.963, 336.026$.

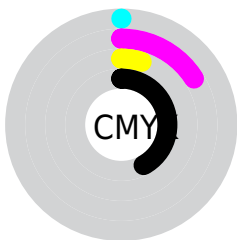
Distribution



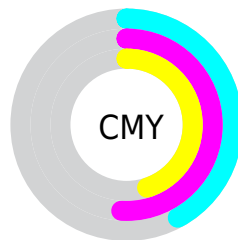
- Red (58%)
- Green (49%)
- Blue (55%)



- Red (58%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (42%)





- Cyan (42%)
- Magenta (51%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 13.175, 336.774 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, 13.175, 336.774 by changing the saturation by 10% instead.


 55, 13.175,
336.774


 55, 13.175,
336.774


 100, 13.175,
336.774


 45, 13.175,
336.774


 75, 13.175,
336.774

 35, 13.175,
336.774


 85, 13.175,
336.774

 25, 13.175,
336.774

 95, 13.175,
336.774

 15, 13.175,
336.774

 5, 13.175, 336.774

 0, 13.175, 336.774

■ 55, 13.175,
336.774

■ 55, 13.175,
336.774

■ 51, 21.431,
337.549

■ 59, 4.963, 336.026

■ 47, 29.586,
338.379

■ 63, 3.105, 155.504

■ 44, 37.419,
339.282

■ 68, 10.974,
154.811

■ 41, 44.631,
340.282

■ 72, 18.617,
154.211

■ 38, 50.859,
341.416

■ 76, 26.024,
153.652

■ 36, 55.716,
342.735

■ 80, 33.197,
153.128


■ 34, 58.887,
344.312


■ 85, 40.143,
152.637

■ 33, 60.327,

■ 89, 46.876,
152.175

346.214

 92, 51.244,
152.338

 32, 60.745,
346.984

Harmonies

Complementary

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



55, 13.175, 336.774



59, 13.063, 154.504

Rectangle

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



55, 13.175, 336.774



55, 13.175, 26.774



55, 13.175, 156.774



55, 13.175, 206.774

Sweetspot

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



55, 13.173, 336.775



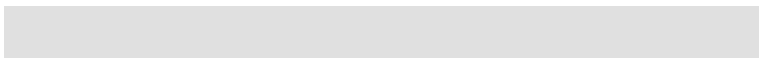
76, 5.025, 335.945



54, 14.241, 303.963



39, 3.420, 335.996



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 13.173, 336.775



69, 19.290, 337.023



55, 9.998, 7.298



29, 4.569, 336.260



30, 57.468, 346.808



1, 3.966, 335.663

Inverse Universe

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



55, 13.173, 336.775



69, 19.290, 337.023



60, 9.332, 184.504



29, 4.569, 336.260



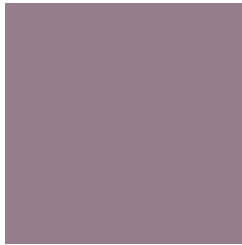
30, 57.468, 346.808



1, 3.966, 335.663

Previews

White Background



This preview shows how the CIELCh color 55, 13.175, 336.774 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, 13.175, 336.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

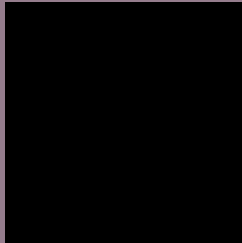
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 13.175, 336.774

Background



This preview shows how black text looks on a background with the CIELCh color 55, 13.175, 336.774.



This preview shows how white text looks on a background with the CIELCh color 55, 13.175, 336.774.

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, 13.175, 336.774

Protanopia

55, 8.049, 288.463

Deuteranopia

55, 8.600, 327.067



Tritanopia
55, 10.470, 347.438

Trichromacy



Original Color
55, 13.175, 336.774

Protanomaly
55, 8.659, 311.914

Deuteranomaly
55, 10.039, 332.506

Tritanomaly
55, 11.109, 342.437

Monochromacy



Original Color
55, 13.175, 336.774

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.283, 337.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 13.175, 336.774 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(149, 125, 141)` looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 141)  
}
```

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(149, 125, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 13.175, 336.774 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(149, 125, 141) }
```

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

```
.border{ border-color:rgb(149, 125, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 125, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 141);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 13.175, 336.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 141) }
```

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

```
.background{ background-color: rgb(149,  
125, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor