

Converting Colors

CIELCh(55, 6.077, 346.062)

Have a look what the booklet for
CIELCh(55, 6.077, 346.062) contains.

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Color

CIELCh(55, 6.225, 346.496)

Conversions

Conversions Part 1

Format	Color
Hex	8D8086
RGB	141, 128, 134
RGB Percent	55%, 50%, 53%
CMY	0.4459, 0.4969, 0.4734
CMYK	0.00, 0.09, 0.05, 0.45
HSL	332°, 5%, 53%
HSV	332°, 9%, 55%
XYZ	23.1130, 22.9298, 25.8667
YIQ	132.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

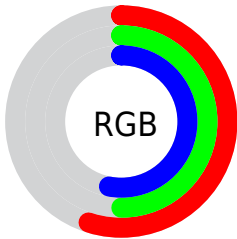
Format	Color
R_{YB}	141, 128, 134
Decimal	9273478
CIE _{Lab}	55.00, 6.05, -1.45
CIE _{LCh}	55, 6.225, 346.496
Yxy	22.9298, 0.3214, 0.3189
Android (android.graphics.Color)	4287463558 (0xFF8D8086)
YUV	132.5710, 0.7045, 7.3922
Hunter-Lab	47.8851, 2.3589, 1.4921

Details

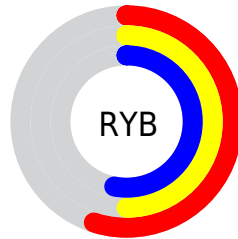
The CIELCh color $55, 6.225, 346.496$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.135, 165.070$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.167, 348.248$, and $35, 6.066, 349.470$ is the 20% darker color. If you saturate the color by 10%, you get $51, 13.140, 347.454$, and if you desaturate by 10%, it is $59, 0.526, 166.339$.

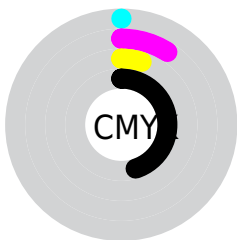
Distribution



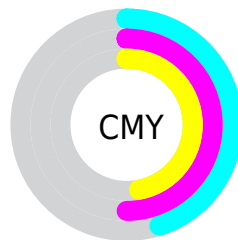
- Red (55%)
- Green (50%)
- Blue (53%)



- Red (55%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.225, 346.496 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, 6.225, 346.496 by changing the saturation by 10% instead.

■ 55, 6.225, 346.496

■ 55, 6.225, 346.496

■ 100, 6.225,
346.496

■ 45, 6.225, 346.496

■ 75, 6.225, 346.496

■ 35, 6.225, 346.496

■ 85, 6.225, 346.496

■ 25, 6.225, 346.496

■ 95, 6.225, 346.496

■ 15, 6.225, 346.496

■ 5, 6.225, 346.496

■ 0, 6.225, 346.496

■ 55, 6.225, 346.496

■ 55, 6.225, 346.496

■ 51, 13.140,
347.454

■ 59, 0.526, 166.339

■ 63, 7.065, 165.012

47, 20.146,
348.504

67, 13.376,
164.299

43, 27.109,
349.700

72, 19.458,
163.655

40, 33.833,
351.093

76, 25.316,
163.063

37, 40.047,
352.756

80, 30.964,
162.515

34, 45.427,
354.788

84, 36.416,
162.006

32, 49.644,
357.322

88, 41.686,
161.531

31, 52.480, 0.514

92, 46.548,
161.218

30, 54.286, 4.299

Harmonies

Complementary

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



55, 6.225, 346.496



58, 6.135, 165.070

Rectangle

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



55, 6.225, 346.496



55, 6.225, 36.496



55, 6.225, 166.496



55, 6.225, 216.496

Sweetspot

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



55, 6.223, 346.502



73, 2.494, 345.875



55, 7.987, 310.599



38, 1.885, 345.968



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 6.223, 346.502



69, 9.236, 346.691



55, 5.075, 22.658



28, 3.851, 346.500



28, 52.719, 4.390



1, 2.570, 345.779

Inverse Universe

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



55, 6.223, 346.502



69, 9.236, 346.691



58, 4.795, 201.982



28, 3.851, 346.500



28, 52.719, 4.390



1, 2.570, 345.779

Previews

White Background



This preview shows how the CIELCh color 55, 6.225, 346.496 looks on a white background.

Color Contrast Check

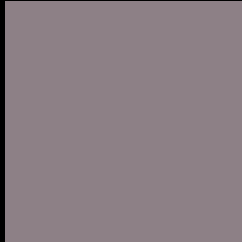
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.225, 346.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

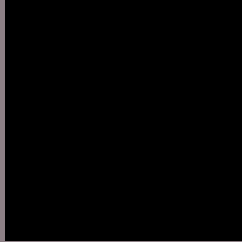
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 6.225, 346.496

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.225, 346.496.



This preview shows how white text looks on a background with the CIELCh color 55, 6.225, 346.496.

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, 6.225, 346.496

Protanopia

55, 2.992, 305.654

Deuteranopia

55, 6.906, 350.294



Tritanopia
55, 7.985, 334.327

Trichromacy



Original Color

55, 6.225, 346.496

Protanomaly

55, 3.741, 329.587

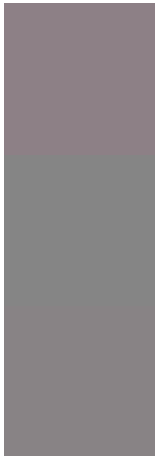
Deuteranomaly

55, 6.562, 348.489

Tritanomaly

55, 7.588, 337.347

Monochromacy



Original Color

55, 6.225, 346.496

Achromatopsia

56, 0.007, 296.813

Achromatomaly

55, 2.300, 349.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.225, 346.496 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(141, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(141, 128, 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(141, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 128, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.225, 346.496 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(141, 128, 134) }
```

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

```
.border{ border-color:rgb(141, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(141, 128,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.225, 346.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 128, 134) }
```

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

```
.background{ background-color: rgb(141,  
128, 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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