

Converting Colors

CIELCh(55, 3.163, 335.143)

Have a look what the booklet for
CIELCh(55, 3.163, 335.143) contains.

CIELCh(55, 3.320, 335.883)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 3.320, 335.883)

Conversions

Conversions Part 1

Format	Color
Hex	888286
RGB	136, 130, 134
RGB Percent	53%, 51%, 53%
CMY	0.4666, 0.4901, 0.4744
CMYK	0.00, 0.04, 0.01, 0.47
HSL	320°, 2%, 52%
HSV	320°, 4%, 53%
XYZ	22.4479, 22.9298, 25.8060
YIQ	132.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

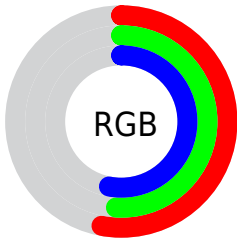
Format	Color
R _Y B	136, 130, 134
Decimal	8946310
CIE Lab	55.00, 3.03, -1.36
CIE LCh	55, 3.320, 335.883
Yxy	22.9298, 0.3154, 0.3221
Android (android.graphics.Color)	4287136390 (0xFF888286)
YUV	132.2500, 0.8628, 3.2887
Hunter-Lab	47.8851, -0.1204, 1.5674

Details

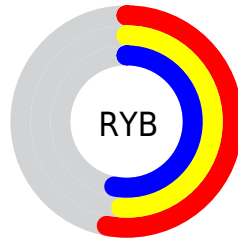
The CIELCh color $55, 3.320, 335.883$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 3.300, 155.452$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 3.123, 335.777$, and $35, 2.862, 338.959$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.926, 336.644$, and if you desaturate by 10%, it is $59, 4.146, 155.375$.

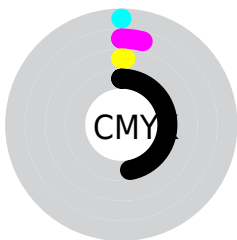
Distribution



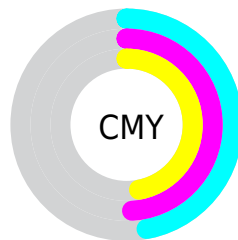
- Red (53%)
- Green (51%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.320, 335.883 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, 3.320, 335.883 by changing the saturation by 10% instead.

■ 55, 3.320, 335.883

■ 55, 3.320, 335.883

■ 100, 3.320,
335.883

■ 45, 3.320, 335.883

■ 75, 3.320, 335.883

■ 35, 3.320, 335.883

■ 85, 3.320, 335.883

■ 25, 3.320, 335.883

■ 95, 3.320, 335.883

■ 15, 3.320, 335.883

■ 5, 3.320, 335.883

■ 0, 3.320, 335.883

■ 55, 3.320, 335.883

■ 55, 3.320, 335.883

■ 51, 10.926,
336.644

■ 59, 4.146, 155.375

■ 63, 11.422,

47, 18.597,
337.403

154.718

44, 26.204,
338.214

67, 18.488,
154.129

41, 33.560,
339.093

71, 25.335,
153.580

38, 40.407,
340.063

75, 31.967,
153.065

35, 46.422,
341.155

79, 38.393,
152.581

33, 51.253,
342.417

83, 44.623,
152.126

31, 54.585,
343.914

87, 50.671,
151.698

30, 56.283,
345.722

91, 56.549,
151.295

Harmonies

Complementary

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



55, 3.320, 335.883



56, 3.300, 155.452

Rectangle

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



55, 3.320, 335.883



55, 3.320, 25.883



55, 3.320, 155.883



55, 3.320, 205.883

Sweetspot

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



55, 3.318, 335.888



71, 0.930, 335.399



55, 3.553, 303.266



38, 0.533, 335.371



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, 3.318, 335.888



69, 4.645, 335.947



55, 2.460, 6.042



28, 2.575, 335.978



29, 55.952, 346.728



0, 1.983, 335.668

Inverse Universe

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



55, 3.318, 335.888



69, 4.645, 335.947



56, 2.412, 185.624



28, 2.575, 335.978



29, 55.952, 346.728



0, 1.983, 335.668

Previews

White Background



This preview shows how the CIELCh color 55, 3.320, 335.883 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, 3.320, 335.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

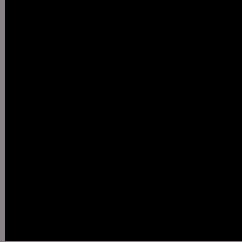
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 3.320, 335.883

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.320, 335.883.



This preview shows how white text looks on a background with the CIELCh color 55, 3.320, 335.883.

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, 3.320, 335.883

Protanopia

55, 2.443, 309.156

Deuteranopia

55, 7.200, 346.322



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color

55, 3.320, 335.883

Protanomaly

55, 2.599, 317.360

Deuteranomaly

55, 5.572, 341.831

Tritanomaly

55, 5.596, 324.716

Monochromacy



Original Color

55, 3.320, 335.883

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.406, 324.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.320, 335.883 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(136, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(136, 130, 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(136, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 130, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.320, 335.883 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(136, 130, 134) }
```

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

```
.border{ border-color:rgb(136, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(136, 130,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.320, 335.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 130, 134) }
```

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

```
.background{ background-color: rgb(136,  
130, 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](#).

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