

Converting Colors

CIELCh(55, 3.064, 254.979)

Have a look what the booklet for
CIELCh(55, 3.064, 254.979) contains.

CIELCh(55, 3.239, 262.087)	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, 3.239, 262.087)

Conversions

Conversions Part 1

Format	Color
Hex	808489
RGB	128, 132, 137
RGB Percent	50%, 52%, 54%
CMY	0.4977, 0.4820, 0.4624
CMYK	0.07, 0.04, 0.00, 0.46
HSL	213°, 4%, 52%
HSV	213°, 7%, 54%
XYZ	21.6990, 22.9298, 26.9815
YIQ	131.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

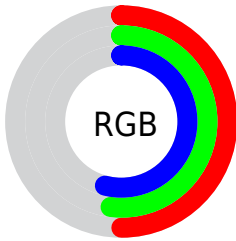
Format	Color
R_{YB}	128, 131, 137
Decimal	8422537
CIE _{Lab}	55.00, -0.45, -3.21
CIE _{LCh}	55, 3.239, 262.087
Yxy	22.9298, 0.3030, 0.3202
Android (android.graphics.Color)	4286612617 (0xFF808489)
YUV	131.3740, 2.7736, -2.9590
Hunter-Lab	47.8851, -2.9122, 0.1118

Details

The CIELCh color $55, 3.239, 262.087$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 3.262, 80.293$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 3.051, 261.890$, and $35, 2.972, 256.574$ is the 20% darker color. If you saturate the color by 10%, you get $52, 8.162, 263.450$, and if you desaturate by 10%, it is $58, 1.682, 80.613$.

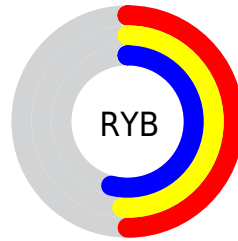
Distribution



Red (50%)

Green (52%)

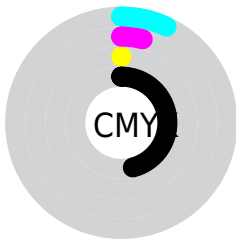
Blue (54%)



Red (50%)

Yellow (51%)

Blue (54%)

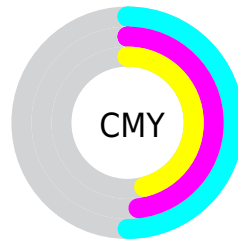


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (46%)



Cyan (50%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.239, 262.087 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, 3.239, 262.087 by changing the saturation by 10% instead.

■ 55, 3.239, 262.087

■ 55, 3.239, 262.087

■ 100, 3.239,
262.087

■ 45, 3.239, 262.087

■ 75, 3.239, 262.087

■ 35, 3.239, 262.087

■ 85, 3.239, 262.087

■ 25, 3.239, 262.087

■ 95, 3.239, 262.087

■ 15, 3.239, 262.087

■ 5, 3.239, 262.087

■ 0, 3.239, 262.087

■ 55, 3.239, 262.087

■ 55, 3.239, 262.087

■ 52, 8.162, 263.450

■ 58, 1.682, 80.613

■ 49, 13.078,

■ 61, 6.589, 79.662

265.116

65, 11.471, 78.757

45, 17.978,
267.080

68, 16.320, 77.958

42, 22.858,
269.388

71, 21.130, 77.253

39, 27.723,
272.085

74, 25.894, 76.626

36, 32.592,
275.200

81, 35.268, 75.563

33, 37.504,
278.729

84, 39.874, 75.108

31, 42.503,
282.611

28, 47.640,
286.647

Harmonies

Complementary

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



55, 3.239, 262.087



56, 3.262, 80.293

Rectangle

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



55, 3.239, 262.087



55, 3.239, 312.087



55, 3.239, 82.087



55, 3.239, 132.087

Sweetspot

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



55, 3.238, 262.063



72, 1.228, 261.652



56, 4.236, 165.968



37, 0.696, 261.652



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, 3.238, 262.063



70, 4.893, 262.264



54, 5.203, 292.735



27, 2.792, 262.392



26, 48.117, 287.778



1, 1.296, 261.169

Inverse Universe

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



55, 4.271, 347.217



69, 6.468, 347.372



57, 5.119, 111.582



27, 3.696, 347.465



27, 51.956, 5.871



0, 1.694, 346.740

Previews

White Background



This preview shows how the CIELCh color 55, 3.239, 262.087 looks on a white background.

Color Contrast Check

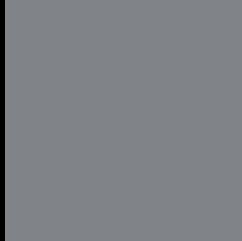
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.239, 262.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

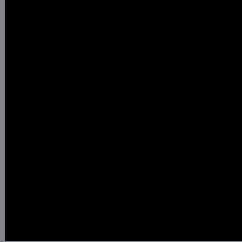
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

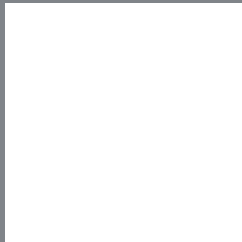
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 3.239, 262.087

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.239, 262.087.



This preview shows how white text looks on a background with the CIELCh color 55, 3.239, 262.087.

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, 3.239, 262.087

Protanopia

55, 2.910, 298.233

Deuteranopia

55, 7.718, 332.165



Tritanopia
55, 6.357, 284.076

Trichromacy



Original Color

55, 3.239, 262.087

Protanomaly

55, 2.878, 290.542

Deuteranomaly

55, 5.884, 318.389

Tritanomaly

55, 5.219, 282.379

Monochromacy



Original Color

55, 3.239, 262.087

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.214, 271.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.239, 262.087 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(128, 132, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 132, 137)  
}
```

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(128, 132, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 132, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.239, 262.087 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(128, 132, 137) }
```

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

```
.border{ border-color:rgb(128, 132, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 132, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 132, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 132, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 132,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.239, 262.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 132, 137) }
```

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

```
.background{ background-color: rgb(128,  
132, 137) }
```

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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