

Converting Colors

CIELCh(64, 55.479, 139.073)

Have a look what the booklet for
CIELCh(64, 55.479, 139.073)
contains.

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Color

CIELCh(64, 55.704, 139.026)

Conversions

Conversions Part 1

Format	Color
Hex	5DAD57
RGB	93, 173, 87
RGB Percent	36%, 68%, 34%
CMY	0.6362, 0.3224, 0.6596
CMYK	0.46, 0.00, 0.50, 0.32
HSL	116°, 34%, 51%
HSV	116°, 50%, 68%
XYZ	21.1042, 32.8017, 14.1922
YIQ	139.2760, -20.0740, -43.7060

Conversions

Conversions Part 2

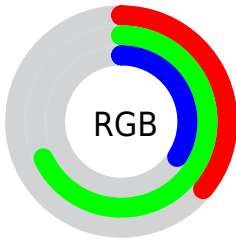
Format	Color
RYB	87, 173, 167
Decimal	6139223
CIELab	64.00, -42.06, 36.53
CIELCh	64, 55.704, 139.026
Yxy	32.8017, 0.3099, 0.4817
Android (android.graphics.Color)	4284329303 (0xFF5DAD57)
YUV	139.2760, -25.7721, -40.5841
Hunter-Lab	57.2727, -34.4524, 25.3989

Details

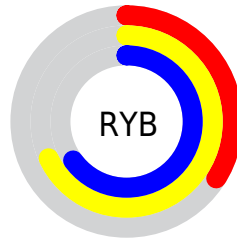
The CIELCh color **64, 55.704, 139.026** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **49, 55.813, 324.900**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 55.863, 138.891**, and **44, 55.771, 138.981** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.567, 138.095**, and if you desaturate by 10%, it is **65, 45.038, 139.916**.

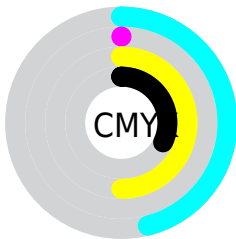
Distribution



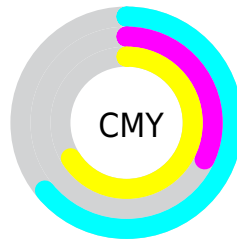
- Red (36%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (50%)
- Black (32%)





- Cyan (64%)
- Magenta (32%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 55.704, 139.026 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 64, 55.704, 139.026 by changing the saturation by 10% instead.

 64, 55.704,
139.026


 64, 55.704,
139.026


 100, 55.704,
139.026


 54, 55.704,
139.026


 84, 55.704,
139.026

 44, 55.704,
139.026

 94, 55.704,
139.026

 34, 55.704,
139.026

 24, 55.704,
139.026

 14, 55.704,
139.026

 4, 55.704, 139.026

 0, 55.704, 139.026

■ 64, 55.704,
139.026

■ 64, 55.704,
139.026

■ 63, 65.567,
138.095

■ 65, 45.038,
139.916

■ 63, 74.227,
137.194

■ 66, 33.886,
140.724

■ 62, 81.225,
136.439

■ 68, 22.499,
141.439

■ 62, 86.127,
135.961

■ 69, 11.066,
142.066

■ 62, 89.019,
135.710

■ 71, 0.274, 321.783

■ 62, 89.078,
135.701

■ 72, 11.422,
323.006

■ 74, 22.311,
323.398

■ 76, 32.902,
323.725

■ 79, 43.173,
324.002

Harmonies

Complementary

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



64, 55.704, 139.026



49, 55.813, 324.900

Rectangle

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



64, 55.704, 139.026



64, 55.704, 189.026



64, 55.704, 319.026



64, 55.704, 9.026

Sweetspot

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



64, 55.705, 139.027



86, 21.090, 141.731



67, 42.244, 101.466



45, 14.382, 141.601



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 55.705, 139.027



80, 81.152, 137.975



64, 41.744, 154.491



36, 6.433, 142.093



54, 80.393, 135.647



6, 13.605, 142.917

Inverse Universe

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



49, 55.813, 324.900



59, 80.951, 325.285



49, 43.006, 344.026



34, 6.451, 323.004



34, 78.271, 325.559



2, 13.422, 321.698

Previews

White Background



This preview shows how the CIELCh color 64, 55.704, 139.026 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 55.704, 139.026 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 ✓ Pass

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

CIELCh 64, 55.704, 139.026

Background



This preview shows how black text looks on a background with the CIELCh color 64, 55.704, 139.026.



This preview shows how white text looks on a background with the CIELCh color 64, 55.704, 139.026.

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
64, 55.704, 139.026

Protanopia
64, 40.773, 95.623

Deuteranopia
64, 35.177, 76.368



Tritanopia
64, 18.455, 221.398

Trichromacy



Original Color
64, 55.704, 139.026



Protanomaly
63, 43.187, 116.548



Deuteranomaly
63, 35.423, 108.375



Tritanomaly
64, 26.213, 167.824

Monochromacy



Original Color
64, 55.704, 139.026



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 20.975, 141.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 55.704, 139.026 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(93, 173, 87)` looks like.

```
.text, #text, p{  
    color:rgb(93, 173, 87)  
}
```

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(93, 173, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 173, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 55.704, 139.026 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(93, 173, 87) }
```

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

```
.border{ border-color:rgb(93, 173, 87) }
```

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

Here you see how a box with a 4 pixel rgb(93, 173, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 173, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 173, 87);  
box-shadow:4px 4px 4px 4px rgb(93, 173,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 55.704, 139.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 173, 87) }
```

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

```
.background{ background-color: rgb(93, 173,  
87) }
```

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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