

Converting Colors

CIELCh(55, 52.164, 144.053)

Have a look what the booklet for
CIELCh(55, 52.164, 144.053)
contains.

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Color

CIELCh(55, 52.246, 143.924)

Conversions

Conversions Part 1

Format	Color
Hex	3E954C
RGB	62, 149, 76
RGB Percent	24%, 58%, 30%
CMY	0.7581, 0.4169, 0.7030
CMYK	0.59, 0.00, 0.49, 0.42
HSL	130°, 41%, 41%
HSV	130°, 59%, 58%
XYZ	13.9601, 22.9298, 10.4772
YIQ	114.6650, -28.4190, -41.1470

Conversions

Conversions Part 2

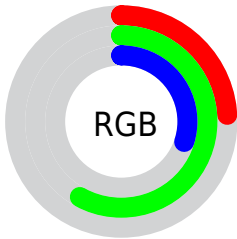
Format	Color
R _Y B	62, 137, 149
Decimal	4101452
CIE Lab	55.00, -42.23, 30.77
CIE LCh	55, 52.246, 143.924
Yxy	22.9298, 0.2947, 0.4841
Android (android.graphics.Color)	4282291532 (0xFF3E954C)
YUV	114.6650, -19.0618, -46.1872
Hunter-Lab	47.8851, -31.7602, 20.5471

Details

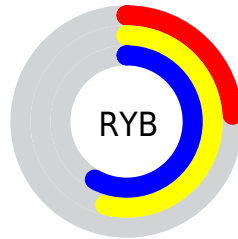
The CIELCh color $55, 52.246, 143.924$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $40, 51.686, 332.834$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $75, 52.484, 143.954$, and $35, 50.679, 142.472$ is the 20% darker color. If you saturate the color by 10%, you get $54, 59.718, 142.556$, and if you desaturate by 10%, it is $56, 44.041, 145.157$.

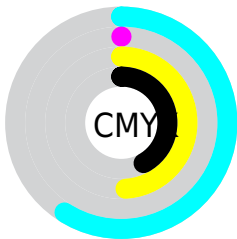
Distribution



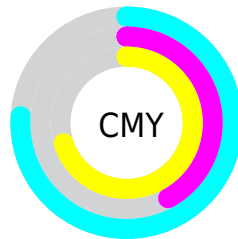
- Red (24%)
- Green (58%)
- Blue (30%)



- Red (24%)
- Yellow (54%)
- Blue (58%)



- Cyan (59%)
- Magenta (0%)
- Yellow (49%)
- Black (42%)





- Cyan (76%)
- Magenta (42%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 52.246, 143.924 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, 52.246, 143.924 by changing the saturation by 10% instead.


 55, 52.246,
143.924


 55, 52.246,
143.924


 100, 52.246,
143.924


 45, 52.246,
143.924


 75, 52.246,
143.924

 35, 52.246,
143.924

 85, 52.246,
143.924

 25, 52.246,
143.924

 95, 52.246,
143.924

 15, 52.246,
143.924

 5, 52.246, 143.924

 0, 52.246, 143.924

■ 55, 52.246,
143.924

■ 55, 52.246,
143.924

■ 54, 59.718,
142.556

■ 56, 44.041,
145.157

■ 54, 66.239,
141.087

■ 57, 35.313,
146.244

■ 54, 71.604,
139.588

■ 58, 26.257,
147.189

■ 53, 75.711,
138.230

■ 59, 17.042,
148.009

■ 53, 76.230,
138.074

■ 60, 7.804, 148.728

■ 62, 1.348, 329.125

■ 63, 10.337,
329.803

■ 65, 19.111,
330.269

■ 67, 27.634,
330.671

Harmonies

Complementary

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



55, 52.246, 143.924



40, 51.686, 332.834

Rectangle

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



55, 52.246, 143.924



55, 52.246, 193.924



55, 52.246, 323.924



55, 52.246, 13.924

Sweetspot

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



55, 52.247, 143.924



75, 20.550, 148.021



59, 46.887, 112.010



39, 14.247, 147.814



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, 52.247, 143.924



69, 75.065, 142.136



56, 34.767, 166.106



31, 5.151, 148.681



50, 71.895, 138.182



2, 4.489, 149.222

Inverse Universe

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



40, 51.686, 332.834



49, 72.844, 333.681



39, 39.746, 0.532



29, 5.165, 329.729



31, 64.619, 335.688



1, 4.490, 329.216

Previews

White Background



This preview shows how the CIELCh color 55, 52.246, 143.924 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, 52.246, 143.924 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, 52.246, 143.924

Background



This preview shows how black text looks on a background with the CIELCh color 55, 52.246, 143.924.



This preview shows how white text looks on a background with the CIELCh color 55, 52.246, 143.924.

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, 52.246, 143.924

Protanopia
55, 34.692, 96.023

Deuteranopia
55, 29.100, 75.941



Tritanopia
55, 20.143, 217.941

Trichromacy



Original Color
55, 52.246, 143.924

Protanomaly
54, 37.509, 121.387

Deuteranomaly
54, 30.717, 115.505

Tritanomaly
55, 26.873, 172.751

Monochromacy



Original Color
55, 52.246, 143.924

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 20.468, 147.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 52.246, 143.924 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(62, 149, 76)` looks like.

```
.text, #text, p{  
    color:rgb(62, 149, 76)  
}
```

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(62, 149, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 149, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 52.246, 143.924 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(62, 149, 76) }
```

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

```
.border{ border-color:rgb(62, 149, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 149, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 149, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 149, 76);  
box-shadow:4px 4px 4px 4px rgb(62, 149,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 52.246, 143.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 149, 76) }
```

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

```
.background{ background-color: rgb(62, 149,  
76) }
```

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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