

Converting Colors

CIELCh(55, 62.418, 141.193)

Have a look what the booklet for
CIELCh(55, 62.418, 141.193)
contains.

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Color

CIELCh(55, 62.588, 141.205)

Conversions

Conversions Part 1

Format	Color
Hex	2F973B
RGB	47, 151, 59
RGB Percent	18%, 59%, 23%
CMY	0.8174, 0.4092, 0.7698
CMYK	0.69, 0.00, 0.61, 0.41
HSL	127°, 53%, 39%
HSV	127°, 69%, 59%
XYZ	12.9454, 22.9298, 7.8387
YIQ	109.4160, -32.4520, -50.6600

Conversions

Conversions Part 2

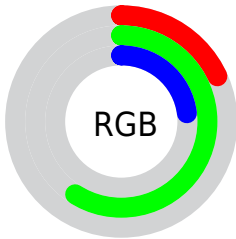
Format	Color
RYB	47, 140, 151
Decimal	3118907
CIELab	55.00, -48.78, 39.21
CIELCh	55, 62.588, 141.205
Yxy	22.9298, 0.2961, 0.5245
Android (android.graphics.Color)	4281308987 (0xFF2F973B)
YUV	109.4160, -24.8551, -54.7388
Hunter-Lab	47.8851, -35.5429, 23.8140




Details

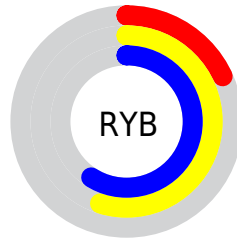
The CIELCh color **55, 62.588, 141.205** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39, 61.025, 331.733**, and the grayscale version is **46, 0.006, 296.813**.




A 20% lighter version of the original color is **75, 62.605, 141.085**, and **36, 58.645, 136.856** is the 20% darker color. If you saturate the color by 10%, you get **55, 69.147, 139.831**, and if you desaturate by 10%, it is **56, 54.939, 142.523**.

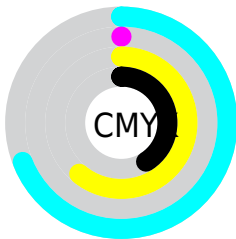
Distribution







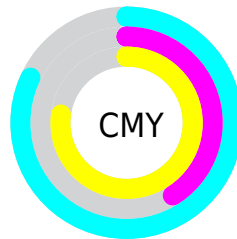
-  Red (18%)
-  Green (59%)
-  Blue (23%)






-  Red (18%)
-  Yellow (55%)
-  Blue (59%)



-  Cyan (69%)
-  Magenta (0%)
-  Yellow (61%)
-  Black (41%)





-  Cyan (82%)
-  Magenta (41%)
-  Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 62.588, 141.205 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, 62.588, 141.205 by changing the saturation by 10% instead.


 55, 62.588,
141.205


 55, 62.588,
141.205


 100, 62.588,
141.205


 45, 62.588,
141.205


 75, 62.588,
141.205

 35, 62.588,
141.205

 85, 62.588,
141.205

 25, 62.588,
141.205

 95, 62.588,
141.205

 15, 62.588,
141.205

 5, 62.588, 141.205

 0, 62.588, 141.205

■ 55, 62.588,
141.205

■ 55, 62.588,
141.205

■ 55, 69.147,
139.831

■ 56, 54.939,
142.523

■ 54, 74.359,
138.491

■ 56, 46.457,
143.730

■ 54, 78.102,
137.384

■ 57, 37.388,
144.802

■ 54, 78.382,
137.314

■ 58, 27.952,
145.739

■ 60, 18.336,
146.551

■ 61, 8.689, 147.258

■ 62, 0.870, 327.560

■ 64, 10.260,
328.315

■ 66, 19.421,
328.767

Harmonies

Complementary

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



55, 62.588, 141.205



39, 61.025, 331.733

Rectangle

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



55, 62.588, 141.205



55, 62.588, 191.205



55, 62.588, 321.205



55, 62.588, 11.205

Sweetspot

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



55, 62.588, 141.205



76, 25.043, 146.372



60, 54.057, 109.103



40, 17.089, 146.171



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 62.588, 141.205



70, 87.872, 139.071



56, 41.996, 161.244



32, 5.471, 147.248



51, 74.246, 137.395



3, 5.900, 147.718

Inverse Universe

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



39, 61.025, 331.733



47, 83.025, 332.568



36, 46.836, 359.372



30, 5.483, 328.274



32, 67.742, 333.356



1, 5.845, 328.133

Previews

White Background



This preview shows how the CIELCh color 55, 62.588, 141.205 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, 62.588, 141.205 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, 62.588, 141.205

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.588, 141.205.



This preview shows how white text looks on a background with the CIELCh color 55, 62.588, 141.205.

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, 62.588, 141.205

Protanopia
55, 43.287, 95.515

Deuteranopia
55, 37.694, 79.427



Tritanopia
55, 22.026, 215.978

Trichromacy



Original Color
55, 62.588, 141.205



Protanomaly
54, 46.684, 120.229



Deuteranomaly
53, 39.761, 115.106



Tritanomaly
55, 31.952, 168.472

Monochromacy



Original Color
55, 62.588, 141.205



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 24.832, 146.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 62.588, 141.205 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(47, 151, 59)` looks like.

```
.text, #text, p{  
    color:rgb(47, 151, 59)  
}
```

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(47, 151, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 151, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.588, 141.205 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(47, 151, 59) }
```

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

```
.border{ border-color:rgb(47, 151, 59) }
```

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

Here you see how a box with a 4 pixel rgb(47, 151, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 151, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 151, 59);  
box-shadow:4px 4px 4px 4px rgb(47, 151,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.588, 141.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 151, 59) }
```

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

```
.background{ background-color: rgb(47, 151,  
59) }
```

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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