

Converting Colors

CIELCh(55, 62.113, 141.616)

Have a look what the booklet for
CIELCh(55, 62.113, 141.616)
contains.

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Color

CIELCh(55, 62.332, 141.602)

Conversions

Conversions Part 1

Format	Color
Hex	2E973C
RGB	46, 151, 60
RGB Percent	18%, 59%, 24%
CMY	0.8211, 0.4090, 0.7658
CMYK	0.70, 0.00, 0.60, 0.41
HSL	128°, 54%, 38%
HSV	128°, 70%, 59%
XYZ	12.9348, 22.9298, 7.9803
YIQ	109.2310, -33.3690, -50.5610

Conversions

Conversions Part 2

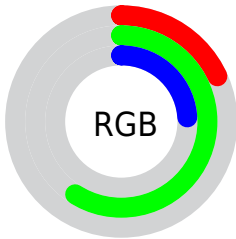
Format	Color
RYB	46, 139, 151
Decimal	3053372
CIELab	55.00, -48.85, 38.72
CIElCh	55, 62.332, 141.602
Yxy	22.9298, 0.2950, 0.5230
Android (android.graphics.Color)	4281243452 (0xFF2E973C)
YUV	109.2310, -24.2709, -55.4536
Hunter-Lab	47.8851, -35.5822, 23.6386

Details

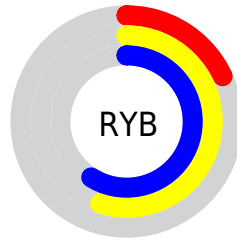
The CIELCh color **55, 62.332, 141.602** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 60.684, 332.466**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 62.376, 141.546**, and **36, 58.182, 137.184** is the 20% darker color. If you saturate the color by 10%, you get **55, 68.809, 140.184**, and if you desaturate by 10%, it is **56, 54.797, 142.952**.

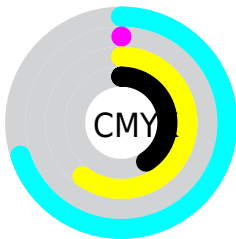
Distribution



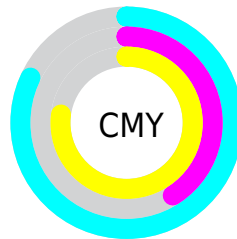
- Red (18%)
- Green (59%)
- Blue (24%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 62.332, 141.602 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, 62.332, 141.602 by changing the saturation by 10% instead.


 55, 62.332,
141.602


 55, 62.332,
141.602


 100, 62.332,
141.602


 45, 62.332,
141.602


 75, 62.332,
141.602

 35, 62.332,
141.602

 85, 62.332,
141.602

 25, 62.332,
141.602

 95, 62.332,
141.602

 15, 62.332,
141.602

 5, 62.332, 141.602

 0, 62.332, 141.602

■ 55, 62.332,
141.602

■ 55, 62.332,
141.602

■ 55, 68.809,
140.184

■ 56, 54.797,
142.952

■ 54, 73.993,
138.782

■ 56, 46.447,
144.182

■ 54, 77.798,
137.609

■ 57, 37.513,
145.273

■ 54, 77.884,
137.586

■ 58, 28.210,
146.226

■ 60, 18.720,
147.051

■ 61, 9.192, 147.770

■ 62, 0.257, 327.434

■ 64, 9.545, 328.850

■ 66, 18.611,
329.314

Harmonies

Complementary

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



55, 62.332, 141.602



38, 60.684, 332.466

Rectangle

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



55, 62.332, 141.602



55, 62.332, 191.602



55, 62.332, 321.602



55, 62.332, 11.602

Sweetspot

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



55, 62.332, 141.602



76, 24.726, 146.920



59, 54.627, 110.712



40, 16.873, 146.718



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, 62.332, 141.602



70, 87.649, 139.338



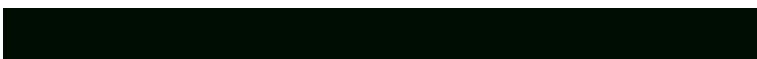
56, 40.948, 163.240



32, 5.403, 147.804



51, 73.749, 137.675



3, 5.827, 148.268

Inverse Universe

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



38, 60.684, 332.466



47, 82.362, 333.414



36, 46.835, 2.091



30, 5.415, 328.841



32, 66.829, 334.259



1, 5.768, 328.731

Previews

White Background



This preview shows how the CIELCh color 55, 62.332, 141.602 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, 62.332, 141.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

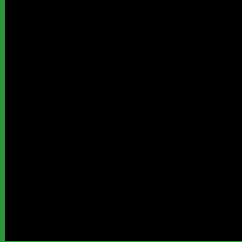
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 62.332, 141.602

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.332, 141.602.



This preview shows how white text looks on a background with the CIELCh color 55, 62.332, 141.602.

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, 62.332, 141.602

Protanopia
55, 42.818, 95.480

Deuteranopia
55, 37.209, 79.161



Tritanopia
55, 22.251, 215.768

Trichromacy



Original Color
55, 62.332, 141.602



Protanomaly
54, 46.361, 120.921



Deuteranomaly
53, 39.267, 115.278



Tritanomaly
55, 32.166, 168.648

Monochromacy



Original Color
55, 62.332, 141.602



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, 62.332, 141.602 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(46, 151, 60)` looks like.

```
.text, #text, p{  
    color:rgb(46, 151, 60)  
}
```

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(46, 151, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 151, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.332, 141.602 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(46, 151, 60) }
```

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

```
.border{ border-color:rgb(46, 151, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 151, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 151, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 151, 60);  
box-shadow:4px 4px 4px 4px rgb(46, 151,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.332, 141.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 151, 60) }
```

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

```
.background{ background-color: rgb(46, 151,  
60) }
```

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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