

Converting Colors

CIELCh(55, 42.335, 147.320)

Have a look what the booklet for
CIELCh(55, 42.335, 147.320)
contains.

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Color

CIELCh(55, 42.300, 147.358)

Conversions

Conversions Part 1

Format	Color
Hex	4A935B
RGB	74, 147, 91
RGB Percent	29%, 58%, 36%
CMY	0.7114, 0.4251, 0.6446
CMYK	0.50, 0.00, 0.38, 0.43
HSL	134°, 33%, 43%
HSV	134°, 50%, 57%
XYZ	15.0357, 22.9298, 13.4468
YIQ	118.7890, -25.5320, -32.8920

Conversions

Conversions Part 2

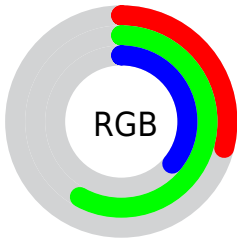
Format	Color
R_{YB}	74, 133, 147
Decimal	4887387
CIE Lab	55.00, -35.62, 22.82
CIE LCh	55, 42.300, 147.358
Yxy	22.9298, 0.2925, 0.4460
Android (android.graphics.Color)	4283077467 (0xFF4A935B)
YUV	118.7890, -13.7000, -39.2800
Hunter-Lab	47.8851, -27.7509, 16.8702

Details

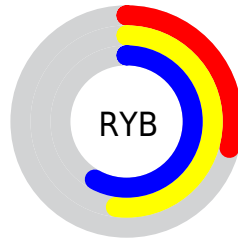
The CIELCh color **55, 42.300, 147.358** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42, 42.357, 335.108**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 42.486, 147.547**, and **35, 42.661, 147.210** is the 20% darker color. If you saturate the color by 10%, you get **54, 49.951, 146.057**, and if you desaturate by 10%, it is **56, 34.164, 148.499**.

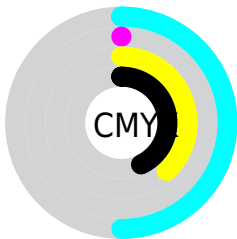
Distribution



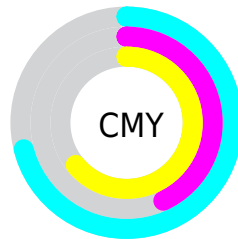
- Red (29%)
- Green (58%)
- Blue (36%)



- Red (29%)
- Yellow (52%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)





- Cyan (71%)
- Magenta (43%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 42.300, 147.358 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, 42.300, 147.358 by changing the saturation by 10% instead.


 55, 42.300,
147.358


 55, 42.300,
147.358


 100, 42.300,
147.358


 45, 42.300,
147.358


 75, 42.300,
147.358

 35, 42.300,
147.358

 85, 42.300,
147.358

 25, 42.300,
147.358

 95, 42.300,
147.358

 15, 42.300,
147.358

 5, 42.300, 147.358

 0, 42.300, 147.358

■ 55, 42.300,
147.358

■ 55, 42.300,
147.358

■ 54, 49.951,
146.057

■ 56, 34.164,
148.499

■ 54, 56.942,
144.596

■ 57, 25.709,
149.492

■ 53, 63.111,
142.992

■ 58, 17.087,
150.356

■ 53, 68.318,
141.296

■ 59, 8.424, 151.115

■ 53, 72.574,
139.694

■ 61, 0.179, 330.319

■ 53, 72.653,
139.666

■ 62, 8.646, 332.270

■ 64, 16.923,
332.782

■ 66, 24.975,
333.228

■ 68, 32.783,
333.622

Harmonies

Complementary

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



55, 42.300, 147.358



42, 42.357, 335.108

Rectangle

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



55, 42.300, 147.358



55, 42.300, 197.358



55, 42.300, 327.358



55, 42.300, 17.358

Sweetspot

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



55, 42.301, 147.358



75, 16.061, 150.707



58, 40.533, 116.219



39, 11.051, 150.559



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, 42.301, 147.358



69, 62.070, 145.855



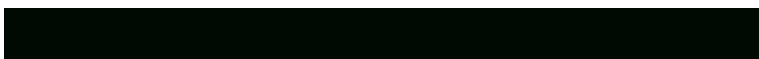
56, 27.966, 173.191



31, 4.890, 151.158



50, 69.239, 139.775



2, 4.264, 151.725

Inverse Universe

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



42, 42.357, 335.108



51, 61.486, 336.018



41, 33.005, 4.839



29, 4.908, 332.262



30, 61.324, 339.901



1, 4.264, 331.718

Previews

White Background



This preview shows how the CIELCh color 55, 42.300, 147.358 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, 42.300, 147.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

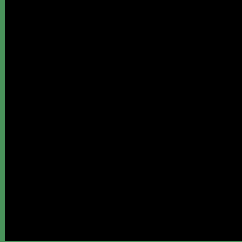
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 42.300, 147.358

Background



This preview shows how black text looks on a background with the CIELCh color 55, 42.300, 147.358.



This preview shows how white text looks on a background with the CIELCh color 55, 42.300, 147.358.

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, 42.300, 147.358

Protanopia
55, 27.075, 96.383

Deuteranopia
55, 21.975, 70.702



Tritanopia
55, 18.135, 220.477

Trichromacy



Original Color
55, 42.300, 147.358

Protanomaly
54, 29.964, 123.375

Deuteranomaly
54, 22.960, 116.007

Tritanomaly
55, 22.511, 177.746

Monochromacy



Original Color
55, 42.300, 147.358

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 15.719, 150.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 42.300, 147.358 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(74, 147, 91)` looks like.

```
.text, #text, p{  
    color:rgb(74, 147, 91)  
}
```

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(74, 147, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 147, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 42.300, 147.358 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(74, 147, 91) }
```

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

```
.border{ border-color:rgb(74, 147, 91) }
```

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

Here you see how a box with a 4 pixel rgb(74, 147, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 147, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 147, 91);  
box-shadow:4px 4px 4px 4px rgb(74, 147,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 42.300, 147.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 147, 91) }
```

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

```
.background{ background-color: rgb(74, 147,  
91) }
```

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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