

Converting Colors

CIELCh(55, 68.218, 122.288)

Have a look what the booklet for
CIELCh(55, 68.218, 122.288)
contains.

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Color

CIELCh(55, 68.212, 122.303)

Conversions

Conversions Part 1

Format	Color
Hex	5E9202
RGB	94, 146, 2
RGB Percent	37%, 57%, 1%
CMY	0.6315, 0.4276, 0.9924
CMYK	0.36, 0.00, 0.99, 0.43
HSL	82°, 97%, 29%
HSV	82°, 99%, 57%
XYZ	14.8971, 22.9298, 3.6963
YIQ	114.0360, 15.2320, -55.8080

Conversions

Conversions Part 2

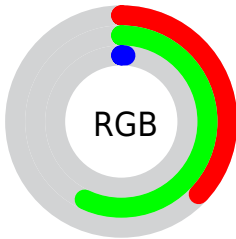
Format	Color
R_{YB}	2, 146, 54
Decimal	6197762
CIE Lab	55.00, -36.45, 57.66
CIE LCh	55, 68.212, 122.303
Yxy	22.9298, 0.3588, 0.5522
Android (android.graphics.Color)	4284387842 (0xFF5E9202)
YUV	114.0360, -55.2337, -17.5716
Hunter-Lab	47.8851, -28.2674, 28.9430

Details

The CIELCh color **55, 68.212, 122.303** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 83.847, 309.384**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 68.091, 122.311**, and **35, 53.847, 129.678** is the 20% darker color. If you saturate the color by 10%, you get **55, 68.613, 122.403**, and if you desaturate by 10%, it is **55, 65.121, 121.518**.

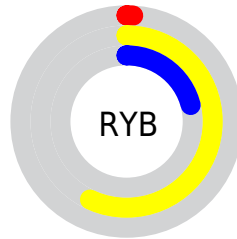
Distribution



Red (37%)

Green (57%)

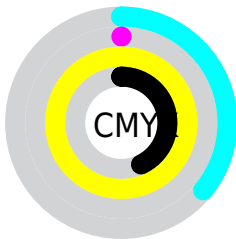
Blue (1%)



Red (1%)

Yellow (57%)

Blue (21%)

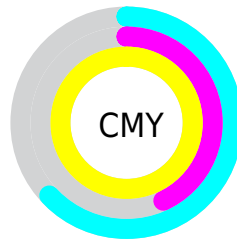


Cyan (36%)

Magenta (0%)

Yellow (99%)

Black (43%)



Cyan (63%)


Magenta (43%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 68.212, 122.303 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, 68.212, 122.303 by changing the saturation by 10% instead.


 55, 68.212,
122.303


 55, 68.212,
122.303


 100, 68.212,
122.303


 45, 68.212,
122.303


 75, 68.212,
122.303

 35, 68.212,
122.303

 85, 68.212,
122.303

 25, 68.212,
122.303

 95, 68.212,
122.303

 15, 68.212,
122.303

 5, 68.212, 122.303

 0, 68.212, 122.303

■ 55, 68.212,
122.303

■ 55, 68.212,
122.303

■ 55, 68.613,
122.403

■ 55, 65.121,
121.518

■ 56, 60.697,
121.085

■ 56, 54.890,
121.028

■ 57, 48.051,
121.236

■ 57, 40.512,
121.611

■ 58, 32.522,
122.081

■ 58, 24.259,
122.596

■ 59, 15.844,

123.125

■ 60, 7.358, 123.649

Harmonies

Complementary

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



55, 68.212, 122.303



20, 83.847, 309.384

Rectangle

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



55, 68.212, 122.303



55, 68.212, 172.303



55, 68.212, 302.303



55, 68.212, 352.303

Sweetspot

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



55, 68.212, 122.304



74, 31.272, 122.494



35, 59.445, 50.772



38, 21.222, 122.300



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 68.212, 122.304



70, 83.111, 122.720



53, 77.586, 135.055



31, 4.848, 123.620



52, 65.721, 122.321



2, 4.251, 124.075

Inverse Universe

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



20, 83.847, 309.384



26, 102.425, 309.194



30, 76.805, 322.630



29, 4.929, 304.548



18, 80.980, 309.454



0, 4.252, 304.074

Previews

White Background



This preview shows how the CIELCh color 55, 68.212, 122.303 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, 68.212, 122.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

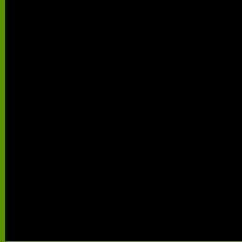
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 68.212, 122.303

Background



This preview shows how black text looks on a background with the CIELCh color 55, 68.212, 122.303.



This preview shows how white text looks on a background with the CIELCh color 55, 68.212, 122.303.

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, 68.212, 122.303

Protanopia
55, 59.963, 95.523

Deuteranopia
55, 54.367, 82.414



Tritanopia
55, 11.399, 232.481

Trichromacy



Original Color
55, 68.212, 122.303

Protanomaly
55, 61.080, 106.828

Deuteranomaly
54, 55.889, 99.869

Tritanomaly
55, 30.045, 136.624

Monochromacy



Original Color
55, 68.212, 122.303

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 31.270, 121.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 68.212, 122.303 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(94, 146, 2)` looks like.

```
.text, #text, p{  
    color:rgb(94, 146, 2)  
}
```

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(94, 146, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 146, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 68.212, 122.303 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(94, 146, 2) }
```

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

```
.border{ border-color:rgb(94, 146, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 146, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 146, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 146, 2);  
box-shadow:4px 4px 4px 4px rgb(94, 146, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 55, 68.212, 122.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 146, 2) }
```

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

```
.background{ background-color: rgb(94, 146,  
2) }
```

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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