

Converting Colors

CIELCh(55, 19.698, 225.127)

Have a look what the booklet for
CIELCh(55, 19.698, 225.127)
contains.

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Color

CIELCh(55, 19.574, 224.241)

Conversions

Conversions Part 1

Format	Color
Hex	558C9B
RGB	85, 140, 155
RGB Percent	33%, 55%, 61%
CMY	0.6680, 0.4523, 0.3935
CMYK	0.45, 0.10, 0.00, 0.39
HSL	193°, 29%, 47%
HSV	193°, 45%, 61%
XYZ	18.9334, 22.9298, 34.2893
YIQ	125.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

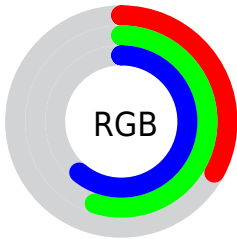
Format	Color
R_{YB}	85, 116, 155
Decimal	5606555
CIE _{Lab}	55.00, -14.02, -13.66
CIE _{LCh}	55, 19.574, 224.241
Yxy	22.9298, 0.2486, 0.3011
Android (android.graphics.Color)	4283796635 (0xFF558C9B)
YUV	125.2650, 14.6594, -35.3124
Hunter-Lab	47.8851, -13.2215, -8.9365

Details

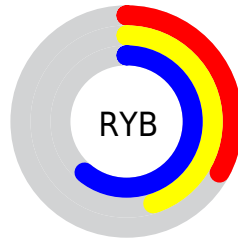
The CIELCh color **55, 19.574, 224.241** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 27.028, 40.889**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 19.639, 222.710**, and **35, 19.670, 223.996** is the 20% darker color. If you saturate the color by 10%, you get **53, 22.753, 225.660**, and if you desaturate by 10%, it is **57, 15.900, 223.159**.

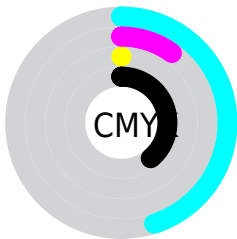
Distribution



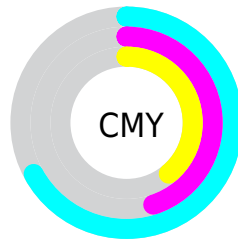
- Red (33%)
- Green (55%)
- Blue (61%)



- Red (33%)
- Yellow (45%)
- Blue (61%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)





- Cyan (67%)
- Magenta (45%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.574, 224.241 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, 19.574, 224.241 by changing the saturation by 10% instead.


 55, 19.574,
224.241


 55, 19.574,
224.241


 100, 19.574,
224.241


 45, 19.574,
224.241


 75, 19.574,
224.241

 35, 19.574,
224.241

 85, 19.574,
224.241

 25, 19.574,
224.241

 95, 19.574,
224.241

 15, 19.574,
224.241

 5, 19.574, 224.241

 0, 19.574, 224.241

■ 55, 19.574,
224.241

■ 55, 19.574,
224.241

■ 53, 22.753,
225.660

■ 57, 15.900,
223.159

■ 52, 25.386,
227.498

■ 59, 11.799,
222.357

■ 50, 27.448,
229.835

■ 61, 7.341, 221.785

■ 49, 28.956,
232.750

■ 63, 2.593, 221.472

■ 48, 29.990,
236.281

■ 65, 2.383, 40.823

■ 47, 30.439,
238.021

■ 67, 7.534, 40.765

■ 69, 12.814, 40.684

■ 72, 18.186, 40.652

■ 74, 23.619, 40.662

Harmonies

Complementary

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



55, 19.574, 224.241



48, 27.028, 40.889

Rectangle

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



55, 19.574, 224.241



55, 19.574, 274.241



55, 19.574, 44.241



55, 19.574, 94.241

Sweetspot

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



55, 19.574, 224.239



77, 8.377, 221.740



58, 41.393, 146.747



41, 5.797, 221.834



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 19.574, 224.239



68, 27.606, 225.628



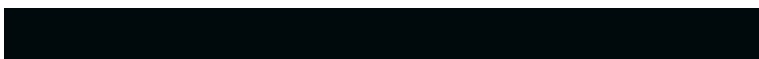
45, 29.663, 281.259



31, 2.737, 221.549



43, 28.308, 237.633



2, 3.007, 222.710

Inverse Universe

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



46, 41.045, 334.006



56, 59.522, 334.728



57, 29.293, 87.990



30, 5.118, 331.564



31, 62.983, 338.741



1, 5.445, 331.500

Previews

White Background



This preview shows how the CIELCh color 55, 19.574, 224.241 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, 19.574, 224.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

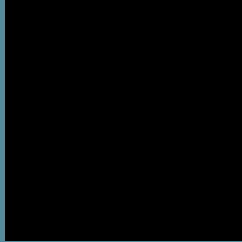
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 19.574, 224.241

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.574, 224.241.

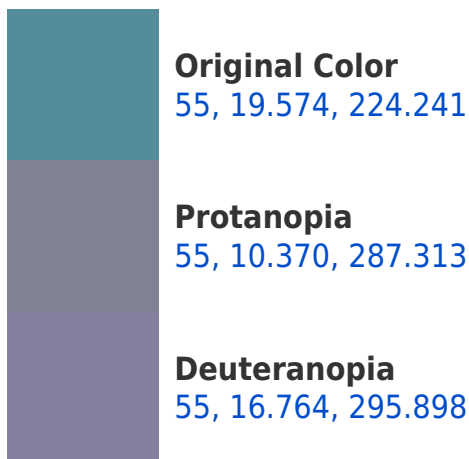


This preview shows how white text looks on a background with the CIELCh color 55, 19.574, 224.241.

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





Tritanopia
55, 19.300, 217.071

Trichromacy



Original Color
55, 19.574, 224.241

Protanomaly
55, 11.905, 249.800

Deuteranomaly
55, 14.993, 266.811

Tritanomaly
55, 19.404, 218.805

Monochromacy



Original Color
55, 19.574, 224.241

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 8.146, 224.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 19.574, 224.241 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(85, 140, 155)` looks like.

```
.text, #text, p{  
    color:rgb(85, 140, 155)  
}
```

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(85, 140, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 140, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.574, 224.241 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(85, 140, 155) }
```

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

```
.border{ border-color:rgb(85, 140, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 140, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 140, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 140, 155);  
box-shadow:4px 4px 4px 4px rgb(85, 140,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.574, 224.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 140, 155) }
```

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

```
.background{ background-color: rgb(85, 140,  
155) }
```

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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