

Converting Colors

CIELCh(55, 19.978, 225.565)

Have a look what the booklet for
CIELCh(55, 19.978, 225.565)
contains.

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Color

CIELCh(55, 19.979, 225.528)

Conversions

Conversions Part 1

Format	Color
Hex	548C9C
RGB	84, 140, 156
RGB Percent	33%, 55%, 61%
CMY	0.6718, 0.4521, 0.3894
CMYK	0.46, 0.10, 0.00, 0.39
HSL	193°, 30%, 47%
HSV	193°, 46%, 61%
XYZ	18.9385, 22.9298, 34.7453
YIQ	125.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

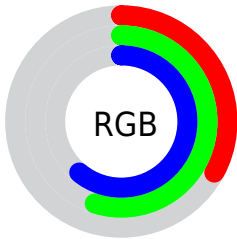
Format	Color
R _Y B	84, 116, 156
Decimal	5541020
CIE Lab	55.00, -14.00, -14.26
CIE LCh	55, 19.979, 225.528
Yxy	22.9298, 0.2472, 0.2993
Android (android.graphics.Color)	4283731100 (0xFF548C9C)
YUV	125.0800, 15.2436, -36.0272
Hunter-Lab	47.8851, -13.2023, -9.5011

Details

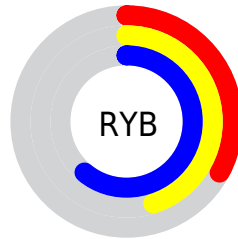
The CIELCh color $55, 19.979, 225.528$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 27.757, 41.653$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 19.802, 224.245$, and $35, 19.970, 225.614$ is the 20% darker color. If you saturate the color by 10%, you get $53, 23.133, 227.058$, and if you desaturate by 10%, it is $57, 16.330, 224.353$.

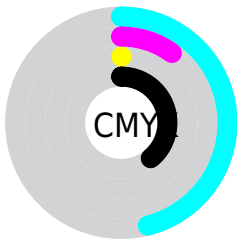
Distribution



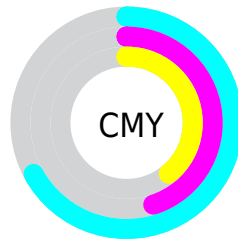
- Red (33%)
- Green (55%)
- Blue (61%)



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



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.979, 225.528 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, 19.979, 225.528 by changing the saturation by 10% instead.


 55, 19.979,
225.528


 55, 19.979,
225.528


 100, 19.979,
225.528


 45, 19.979,
225.528


 75, 19.979,
225.528

 35, 19.979,
225.528

 85, 19.979,
225.528

 25, 19.979,
225.528

 95, 19.979,
225.528

 15, 19.979,
225.528

 5, 19.979, 225.528

 0, 19.979, 225.528

■ 55, 19.979,
225.528

■ 55, 19.979,
225.528

■ 53, 23.133,
227.058

■ 57, 16.330,
224.353

■ 52, 25.743,
229.028

■ 59, 12.251,
223.473

■ 50, 27.791,
231.521

■ 61, 7.811, 222.833

■ 49, 29.301,
234.613

■ 63, 3.078, 222.441

■ 48, 30.371,
238.317

■ 65, 1.887, 41.722

■ 47, 30.757,
239.739

■ 67, 7.030, 41.667

■ 70, 12.306, 41.553

■ 72, 17.675, 41.489

■ 74, 23.109, 41.471

Harmonies

Complementary

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



55, 19.979, 225.528



48, 27.757, 41.653

Rectangle

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



55, 19.979, 225.528



55, 19.979, 275.528



55, 19.979, 45.528



55, 19.979, 95.528

Sweetspot

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



55, 19.979, 225.526



77, 8.349, 222.733



58, 41.954, 147.186



41, 5.778, 222.835



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, 19.979, 225.526



68, 27.933, 227.025



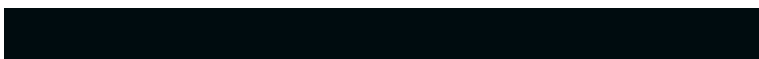
44, 31.190, 282.630



32, 2.803, 222.523



43, 28.838, 239.389



3, 3.701, 226.152

Inverse Universe

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



46, 41.876, 334.398



55, 60.139, 335.139



57, 30.500, 89.140



31, 5.230, 331.856



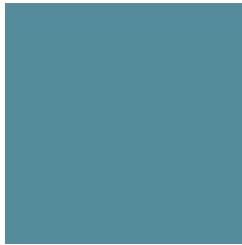
32, 63.436, 339.249



1, 6.635, 332.560

Previews

White Background



This preview shows how the CIELCh color 55, 19.979, 225.528 looks on a white background.

Color Contrast Check

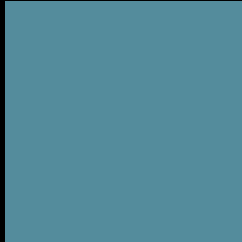
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.979, 225.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

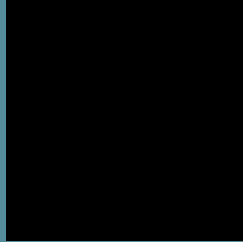
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 19.979, 225.528

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.979, 225.528.



This preview shows how white text looks on a background with the CIELCh color 55, 19.979, 225.528.

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, 19.979, 225.528

Protanopia

55, 10.943, 287.609

Deuteranopia

55, 17.314, 294.634



Tritanopia
55, 19.899, 218.220

Trichromacy



Original Color
55, 19.979, 225.528

Protanomaly
55, 12.322, 251.723

Deuteranomaly
54, 15.632, 266.706

Tritanomaly
55, 19.769, 220.205

Monochromacy



Original Color
55, 19.979, 225.528

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, 19.979, 225.528 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(84, 140, 156)` looks like.

```
.text, #text, p{  
    color:rgb(84, 140, 156)  
}
```

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(84, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 140, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.979, 225.528 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(84, 140, 156) }
```

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

```
.border{ border-color:rgb(84, 140, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 140, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(84, 140,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.979, 225.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 140, 156) }
```

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

```
.background{ background-color: rgb(84, 140,  
156) }
```

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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