

Converting Colors

CIELCh(55, 11.120, 233.845)

Have a look what the booklet for
CIELCh(55, 11.120, 233.845)
contains.

CIELCh(55, 11.121, 233.464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 11.121, 233.464)

Conversions

Conversions Part 1

Format	Color
Hex	6E8893
RGB	110, 136, 147
RGB Percent	43%, 53%, 58%
CMY	0.5696, 0.4677, 0.4246
CMYK	0.25, 0.07, 0.00, 0.42
HSL	198°, 15%, 50%
HSV	198°, 25%, 58%
XYZ	20.4100, 22.9298, 30.8428
YIQ	129.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

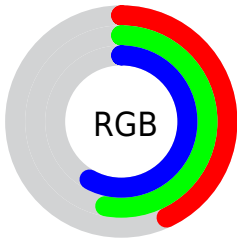
Format	Color
RYB	110, 125, 147
Decimal	7243923
CIELab	55.00, -6.62, -8.94
CIELCh	55, 11.121, 233.464
Yxy	22.9298, 0.2751, 0.3091
Android (android.graphics.Color)	4285434003 (0xFF6E8893)
YUV	129.4800, 8.6374, -17.0840
Hunter-Lab	47.8851, -7.7170, -4.6691

Details

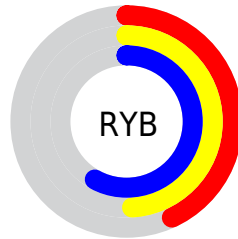
The CIELCh color $55, 11.121, 233.464$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 12.856, 49.727$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 11.217, 234.272$, and $35, 11.028, 233.087$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.090, 234.760$, and if you desaturate by 10%, it is $57, 6.875, 232.443$.

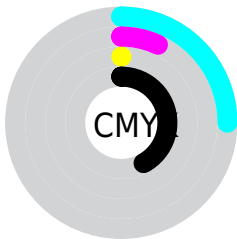
Distribution



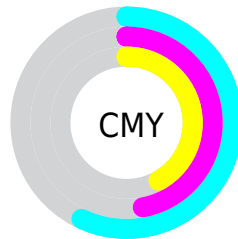
- Red (43%)
- Green (53%)
- Blue (58%)



- Red (43%)
- Yellow (49%)
- Blue (58%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)





- Cyan (57%)
- Magenta (47%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 11.121, 233.464 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, 11.121, 233.464 by changing the saturation by 10% instead.


 55, 11.121,
233.464


 55, 11.121,
233.464


 100, 11.121,
233.464


 45, 11.121,
233.464


 75, 11.121,
233.464


 35, 11.121,
233.464

 85, 11.121,
233.464

 25, 11.121,
233.464

 95, 11.121,
233.464

 15, 11.121,
233.464

 5, 11.121, 233.464

 0, 11.121, 233.464

■ 55, 11.121,
233.464

■ 55, 11.121,
233.464

■ 53, 15.090,
234.760

■ 57, 6.875, 232.443

■ 51, 18.729,
236.408

■ 60, 2.405, 231.733

■ 62, 2.243, 50.740

■ 49, 21.993,
238.479

■ 64, 7.027, 50.353

■ 47, 24.850,
241.055

■ 67, 11.912, 49.976

■ 69, 16.867, 49.670

■ 45, 27.295,
244.219

■ 72, 21.870, 49.427

■ 43, 29.366,
248.029

■ 74, 26.901, 49.235

■ 77, 31.944, 49.085

■ 42, 31.160,
252.461

■ 41, 32.030,

254.587

Harmonies

Complementary

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



55, 11.121, 233.464



53, 12.856, 49.727

Rectangle

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



55, 11.121, 233.464



55, 11.121, 283.464



55, 11.121, 53.464



55, 11.121, 103.464

Sweetspot

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



55, 11.121, 233.458



75, 4.557, 231.896



58, 20.980, 151.741



39, 3.255, 231.991



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, 11.121, 233.458



69, 16.181, 234.124



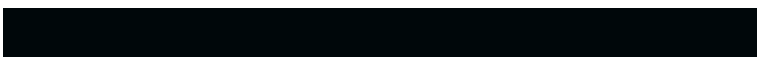
50, 17.126, 282.742



30, 2.604, 231.966



38, 30.506, 254.270



2, 2.320, 231.226

Inverse Universe

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



51, 20.955, 335.907



63, 30.950, 336.320



58, 16.718, 96.495



29, 4.689, 334.748



30, 58.747, 344.170



1, 4.071, 334.172

Previews

White Background



This preview shows how the CIE LCh color 55, 11.121, 233.464 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, 11.121, 233.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

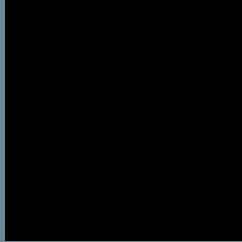
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

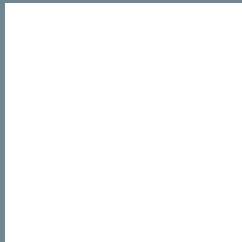
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 11.121, 233.464

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.121, 233.464.



This preview shows how white text looks on a background with the CIELCh color 55, 11.121, 233.464.

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, 11.121, 233.464

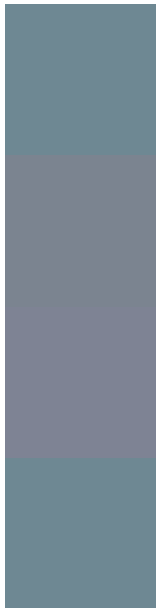
Protanopia
55, 7.482, 291.088

Deuteranopia
55, 11.952, 306.176



Tritanopia
55, 11.121, 233.464

Trichromacy



Original Color
55, 11.121, 233.464

Protanomaly
55, 7.602, 264.737

Deuteranomaly
55, 9.908, 280.566

Tritanomaly
55, 11.121, 233.464

Monochromacy



Original Color
55, 11.121, 233.464

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.114, 233.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.121, 233.464 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(110, 136, 147)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 147)  
}
```

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(110, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.121, 233.464 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(110, 136, 147) }
```

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

```
.border{ border-color:rgb(110, 136, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 147);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.121, 233.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 147) }
```

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

```
.background{ background-color: rgb(110,  
136, 147) }
```

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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