

Converting Colors

CIELCh(55, 11.088, 311.494)

Have a look what the booklet for
CIELCh(55, 11.088, 311.494)
contains.

CIELCh(55, 11.088, 311.494)	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, 11.088, 311.494)

Conversions

Conversions Part 1

Format	Color
Hex	8A8092
RGB	138, 128, 146
RGB Percent	54%, 50%, 57%
CMY	0.4587, 0.4979, 0.4273
CMYK	0.05, 0.12, 0.00, 0.43
HSL	273°, 8%, 54%
HSV	273°, 12%, 57%
XYZ	23.4016, 22.9298, 30.4009
YIQ	133.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

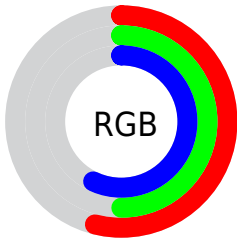
Format	Color
R_{YB}	138, 128, 146
Decimal	9076882
CIE Lab	55.00, 7.35, -8.31
CIE LCh	55, 11.088, 311.494
Yxy	22.9298, 0.3050, 0.2988
Android (android.graphics.Color)	4287266962 (0xFF8A8092)
YUV	133.0420, 6.3883, 4.3482
Hunter-Lab	47.8851, 3.4345, -4.1219

Details

The CIELCh color $55, 11.088, 311.494$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.925, 130.477$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.937, 310.384$, and $35, 11.292, 310.822$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.327, 311.951$, and if you desaturate by 10%, it is $60, 2.069, 311.026$.

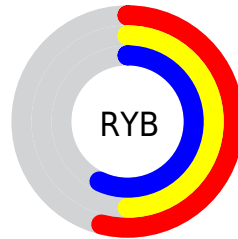
Distribution



Red (54%)

Green (50%)

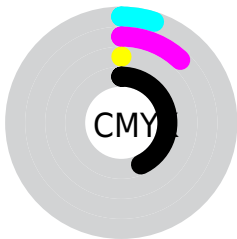
Blue (57%)



Red (54%)

Yellow (50%)

Blue (57%)

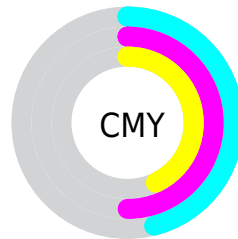


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (46%)

Magenta (50%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 11.088, 311.494 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, 11.088, 311.494 by changing the saturation by 10% instead.

■ 55, 11.088,
311.494

■ 55, 11.088,
311.494

■ 100, 11.088,
311.494

■ 45, 11.088,
311.494

■ 75, 11.088,
311.494

■ 35, 11.088,
311.494

■ 85, 11.088,
311.494

■ 25, 11.088,
311.494

■ 95, 11.088,
311.494

■ 15, 11.088,
311.494

■ 5, 11.088, 311.494

■ 0, 11.088, 311.494

■ 55, 11.088,
311.494

■ 55, 11.088,
311.494

■ 51, 20.327,
311.951

■ 60, 2.069, 311.026

■ 46, 29.739,
312.428

■ 64, 6.701, 130.706

■ 42, 39.225,
312.907

■ 69, 15.214,
130.346

■ 38, 48.619,
313.360

■ 73, 23.473,
130.030

■ 34, 57.655,
313.743

■ 78, 31.484,
129.749

■ 30, 65.937,
313.994

■ 82, 39.257,
129.503


■ 27, 72.943,
314.030

■ 86, 46.805,
129.286

■ 25, 78.110,

■ 91, 54.139,
129.098

313.756

 94, 58.811,
128.358

 23, 81.247,
313.443

Harmonies

Complementary

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



55, 11.088, 311.494



59, 10.925, 130.477

Rectangle

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



55, 11.088, 311.494



55, 11.088, 1.494



55, 11.088, 131.494



55, 11.088, 181.494

Sweetspot

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



55, 11.086, 311.492



74, 4.391, 311.121



56, 6.364, 262.304



38, 3.113, 311.154



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, 11.086, 311.492



68, 16.692, 311.627



56, 12.073, 326.462



29, 5.114, 311.354



22, 77.806, 313.502



1, 4.423, 310.982

Inverse Universe

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



55, 8.506, 347.783



69, 12.807, 348.071



59, 12.055, 145.093



29, 3.923, 347.487



29, 53.394, 6.076



1, 3.388, 346.752

Previews

White Background



This preview shows how the CIELCh color 55, 11.088, 311.494 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, 11.088, 311.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

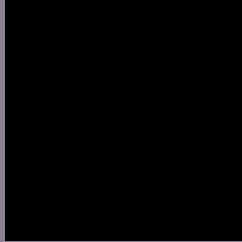
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 11.088, 311.494

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.088, 311.494.



This preview shows how white text looks on a background with the CIELCh color 55, 11.088, 311.494.

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, 11.088, 311.494

Protanopia

55, 9.784, 286.980

Deuteranopia

55, 11.088, 311.494



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color
55, 11.088, 311.494

Protanomaly
55, 9.821, 295.748

Deuteranomaly
55, 11.088, 311.494

Tritanomaly
55, 8.127, 313.349

Monochromacy



Original Color
55, 11.088, 311.494

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 4.334, 311.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.088, 311.494 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(138, 128, 146)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 146)  
}
```

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(138, 128, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.088, 311.494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

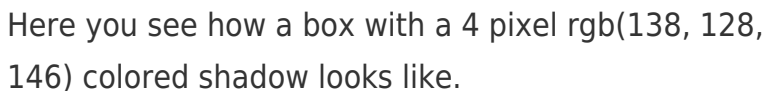
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 128, 146) }
```

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

```
.border{ border-color:rgb(138, 128, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 128, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 128, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 128, 146); box-shadow:4px 4px 4px 4px rgb(138, 128, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.088, 311.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 146) }
```

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

```
.background{ background-color: rgb(138,  
128, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor