

Converting Colors

CIELCh(55, 9.171, 248.057)

Have a look what the booklet for
CIELCh(55, 9.171, 248.057) contains.

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Color

CIELCh(55, 9.161, 248.039)

Conversions

Conversions Part 1

Format	Color
Hex	758692
RGB	117, 134, 146
RGB Percent	46%, 53%, 57%
CMY	0.5409, 0.4743, 0.4272
CMYK	0.20, 0.08, 0.00, 0.43
HSL	205°, 12%, 52%
HSV	205°, 20%, 57%
XYZ	21.0703, 22.9298, 30.5344
YIQ	130.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

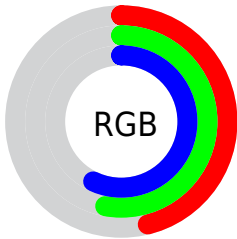
Format	Color
R_{YB}	117, 128, 146
Decimal	7702162
CIE Lab	55.00, -3.43, -8.50
CIE LCh	55, 9.161, 248.039
Yxy	22.9298, 0.2827, 0.3076
Android (android.graphics.Color)	4285892242 (0xFF758692)
YUV	130.2850, 7.7475, -11.6509
Hunter-Lab	47.8851, -5.2556, -4.2872

Details

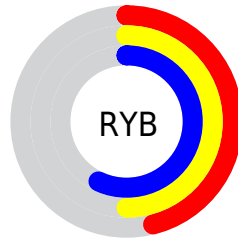
The CIELCh color **55, 9.161, 248.039** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **55, 9.910, 63.487**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 9.318, 248.167**, and **35, 9.517, 251.160** is the 20% darker color. If you saturate the color by 10%, you get **52, 13.567, 249.640**, and if you desaturate by 10%, it is **58, 4.607, 246.725**.

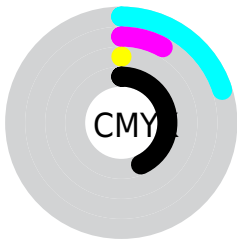
Distribution



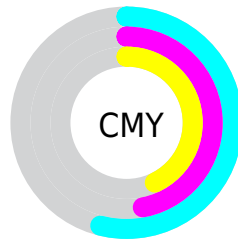
- Red (46%)
- Green (53%)
- Blue (57%)



- Red (46%)
- Yellow (50%)
- Blue (57%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 9.161, 248.039 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, 9.161, 248.039 by changing the saturation by 10% instead.

■ 55, 9.161, 248.039

■ 55, 9.161, 248.039

■ 100, 9.161,
248.039

■ 45, 9.161, 248.039

■ 75, 9.161, 248.039

■ 35, 9.161, 248.039

■ 85, 9.161, 248.039

■ 25, 9.161, 248.039

■ 95, 9.161, 248.039

■ 15, 9.161, 248.039

■ 5, 9.161, 248.039

■ 0, 9.161, 248.039

■ 55, 9.161, 248.039

■ 55, 9.161, 248.039

■ 52, 13.567,
249.640

■ 58, 4.607, 246.725

■ 61, 0.063, 60.098

■ 50, 17.795,
251.593

■ 63, 4.820, 64.523

■ 47, 21.818,
253.955

■ 66, 9.638, 63.769

■ 44, 25.621,
256.793

■ 69, 14.495, 63.110

■ 42, 29.214,
260.163

■ 72, 19.373, 62.542

■ 40, 32.634,
264.087

■ 75, 24.259, 62.051

■ 78, 29.138, 61.624

■ 37, 35.956,
268.526

■ 35, 39.333,
273.126

■ 35, 39.384,
273.188

Harmonies

Complementary

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



55, 9.161, 248.039



55, 9.910, 63.487

Rectangle

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



55, 9.161, 248.039



55, 9.161, 298.039



55, 9.161, 68.039



55, 9.161, 118.039

Sweetspot

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



55, 9.160, 248.032



74, 3.472, 246.328



58, 15.071, 157.079



39, 2.294, 246.382



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, 9.160, 248.032



68, 13.553, 248.737



51, 15.240, 288.128



30, 2.670, 246.652



33, 37.565, 272.896



1, 2.360, 245.559

Inverse Universe

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



52, 15.149, 340.804



65, 22.620, 341.207



59, 14.722, 103.768



29, 4.317, 339.923



29, 55.172, 353.242



1, 3.741, 339.277

Previews

White Background



This preview shows how the CIELCh color 55, 9.161, 248.039 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, 9.161, 248.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

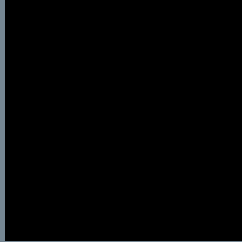
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

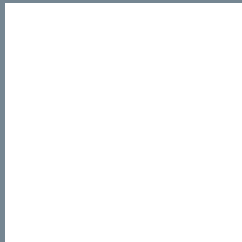
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 9.161, 248.039

Background



This preview shows how black text looks on a background with the CIELCh color 55, 9.161, 248.039.



This preview shows how white text looks on a background with the CIELCh color 55, 9.161, 248.039.

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

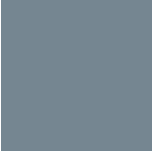
55, 9.161, 248.039

Protanopia

55, 7.476, 288.180

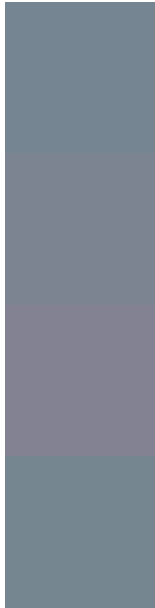
Deuteranopia

55, 11.507, 308.724



Tritanopia
55, 8.766, 245.324

Trichromacy



Original Color
55, 9.161, 248.039

Protanomaly
55, 7.858, 271.614

Deuteranomaly
55, 9.781, 291.359

Tritanomaly
55, 8.766, 245.324

Monochromacy



Original Color
55, 9.161, 248.039

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.656, 251.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 9.161, 248.039 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(117, 134, 146)` looks like.

```
.text, #text, p{  
    color:rgb(117, 134, 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(117, 134, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 134, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 9.161, 248.039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

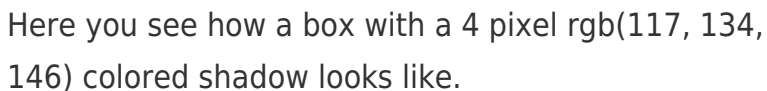
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 134, 146) }
```

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

```
.border{ border-color:rgb(117, 134, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 134, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 134, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 134, 146); box-shadow:4px 4px 4px 4px rgb(117, 134, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 9.161, 248.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 134, 146) }
```

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

```
.background{ background-color: rgb(117,  
134, 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](#).

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