

Converting Colors

CIELCh(55, 5.922, 259.773)

Have a look what the booklet for
CIELCh(55, 5.922, 259.773) contains.

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Color

CIELCh(55, 5.928, 260.146)

Conversions

Conversions Part 1

Format	Color
Hex	7D858E
RGB	125, 133, 142
RGB Percent	49%, 52%, 56%
CMY	0.5114, 0.4801, 0.4448
CMYK	0.12, 0.06, 0.00, 0.44
HSL	212°, 7%, 52%
HSV	212°, 12%, 56%
XYZ	21.5781, 22.9298, 28.7135
YIQ	131.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

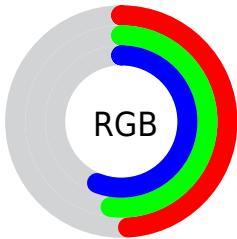
Format	Color
RYB	125, 130, 142
Decimal	8226190
CIELab	55.00, -1.01, -5.84
CIElCh	55, 5.928, 260.146
Yxy	22.9298, 0.2947, 0.3132
Android (android.graphics.Color)	4286416270 (0xFF7D858E)
YUV	131.6340, 5.1104, -5.8180
Hunter-Lab	47.8851, -3.3629, -2.0327

Details

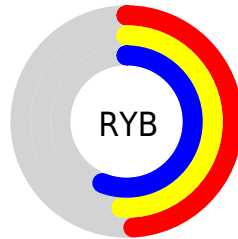
The CIELCh color **55, 5.928, 260.146** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **56, 6.065, 77.026**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 6.061, 262.454**, and **35, 5.863, 257.670** is the 20% darker color. If you saturate the color by 10%, you get **52, 10.835, 261.673**, and if you desaturate by 10%, it is **58, 0.995, 259.029**.

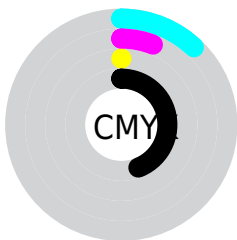
Distribution



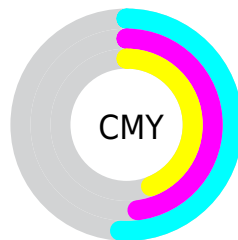
- Red (49%)
- Green (52%)
- Blue (56%)



- Red (49%)
- Yellow (51%)
- Blue (56%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 5.928, 260.146 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, 5.928, 260.146 by changing the saturation by 10% instead.

■ 55, 5.928, 260.146

■ 55, 5.928, 260.146

■ 100, 5.928,
260.146

■ 45, 5.928, 260.146

■ 75, 5.928, 260.146

■ 35, 5.928, 260.146

■ 85, 5.928, 260.146

■ 25, 5.928, 260.146

■ 95, 5.928, 260.146

■ 15, 5.928, 260.146

■ 5, 5.928, 260.146

■ 0, 5.928, 260.146

■ 55, 5.928, 260.146

■ 55, 5.928, 260.146

■ 52, 10.835,
261.673

■ 58, 0.995, 259.029

■ 61, 3.948, 77.554

49, 15.705,
263.501

65, 8.887, 76.609

46, 20.525,
265.662

68, 13.811, 75.767

42, 25.294,
268.206

71, 18.710, 75.027

39, 30.020,
271.175

74, 23.575, 74.373

37, 34.732,
274.589

78, 28.400, 73.792

34, 39.479,
278.419

81, 33.181, 73.272

31, 44.317,
282.569

29, 48.316,
285.799

Harmonies

Complementary

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



55, 5.928, 260.146



56, 6.065, 77.026

Rectangle

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



55, 5.928, 260.146



55, 5.928, 310.146



55, 5.928, 80.146



55, 5.928, 130.146

Sweetspot

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



55, 5.927, 260.134



73, 2.450, 259.152



57, 8.141, 163.601



38, 1.734, 259.220



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 5.927, 260.134



69, 8.543, 260.462



53, 9.853, 292.024



29, 2.810, 259.752



28, 46.509, 285.593



1, 1.903, 258.528

Inverse Universe

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



54, 8.208, 346.229



68, 11.869, 346.443



58, 9.593, 109.742



28, 3.875, 345.969



28, 52.763, 3.517



1, 2.587, 345.254

Previews

White Background



This preview shows how the CIE LCh color 55, 5.928, 260.146 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 CIE LCh color 55, 5.928, 260.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

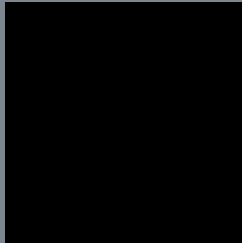
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

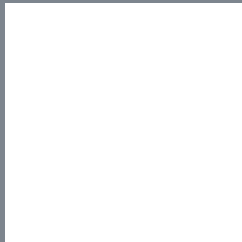
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 5.928, 260.146

Background



This preview shows how black text looks on a background with the CIELCh color 55, 5.928, 260.146.



This preview shows how white text looks on a background with the CIELCh color 55, 5.928, 260.146.

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

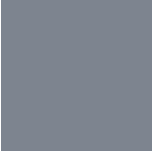
55, 5.928, 260.146

Protanopia

55, 5.175, 290.811

Deuteranopia

55, 9.661, 317.195



Tritanopia
55, 6.794, 268.119

Trichromacy



Original Color

55, 5.928, 260.146

Protanomaly

55, 5.274, 278.272

Deuteranomaly

55, 7.094, 303.498

Tritanomaly

55, 6.273, 265.948

Monochromacy



Original Color

55, 5.928, 260.146

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 2.068, 256.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 5.928, 260.146 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(125, 133, 142)` looks like.

```
.text, #text, p{  
    color:rgb(125, 133, 142)  
}
```

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(125, 133, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 133, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 5.928, 260.146 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(125, 133, 142) }
```

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

```
.border{ border-color:rgb(125, 133, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 133, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 133, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 133, 142);  
box-shadow:4px 4px 4px 4px rgb(125, 133,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 5.928, 260.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 133, 142) }
```

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

```
.background{ background-color: rgb(125,  
133, 142) }
```

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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