

Converting Colors

CIELCh(55, 8.488, 228.039)

Have a look what the booklet for
CIELCh(55, 8.488, 228.039) contains.

CIELCh(55, 8.329, 227.790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 8.329, 227.790)

Conversions

Conversions Part 1

Format	Color
Hex	73878E
RGB	115, 135, 142
RGB Percent	45%, 53%, 56%
CMY	0.5490, 0.4705, 0.4431
CMYK	0.19, 0.05, 0.00, 0.44
HSL	196°, 11%, 50%
HSV	196°, 19%, 56%
XYZ	20.6203, 22.9298, 28.9348
YIQ	129.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

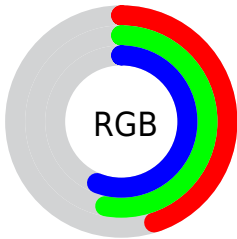
Format	Color
R_{YB}	115, 126, 142
Decimal	7571342
CIE Lab	55.00, -5.60, -6.17
CIE LCh	55, 8.329, 227.790
Yxy	22.9298, 0.2845, 0.3163
Android (android.graphics.Color)	4285761422 (0xFF73878E)
YUV	129.8180, 6.0057, -12.9954
Hunter-Lab	47.8851, -6.9331, -2.3067

Details

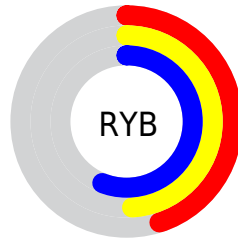
The CIELCh color $55, 8.329, 227.790$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 9.325, 45.689$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.486, 229.656$, and $35, 8.462, 229.842$ is the 20% darker color. If you saturate the color by 10%, you get $53, 12.350, 228.689$, and if you desaturate by 10%, it is $57, 4.045, 227.124$.

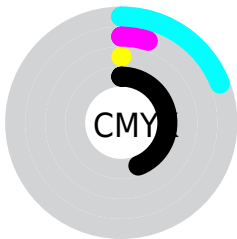
Distribution



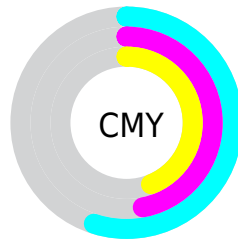
- Red (45%)
- Green (53%)
- Blue (56%)



- Red (45%)
- Yellow (49%)
- Blue (56%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.329, 227.790 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, 8.329, 227.790 by changing the saturation by 10% instead.

■ 55, 8.329, 227.790

■ 55, 8.329, 227.790

■ 100, 8.329,
227.790

■ 45, 8.329, 227.790

■ 75, 8.329, 227.790

■ 35, 8.329, 227.790

■ 85, 8.329, 227.790

■ 25, 8.329, 227.790

■ 95, 8.329, 227.790

■ 15, 8.329, 227.790

■ 5, 8.329, 227.790

■ 0, 8.329, 227.790

■ 55, 8.329, 227.790

■ 55, 8.329, 227.790

■ 53, 12.350,
228.689

■ 57, 4.045, 227.124

■ 59, 0.449, 45.578

51, 16.050,
229.875

61, 5.106, 45.998

49, 19.374,
231.401

64, 9.886, 45.735

47, 22.271,
233.344

66, 14.755, 45.529

46, 24.711,
235.788

71, 24.656, 45.279

44, 26.692,
238.815

73, 29.647, 45.214

43, 28.258,
242.487

75, 34.646, 45.179

42, 29.581,
246.632

41, 29.718,
247.030

Harmonies

Complementary

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



55, 8.329, 227.790



53, 9.325, 45.689

Rectangle

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



55, 8.329, 227.790



55, 8.329, 277.790



55, 8.329, 47.790



55, 8.329, 97.790

Sweetspot

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



55, 8.329, 227.781



73, 3.342, 226.999



56, 15.790, 151.026



38, 2.206, 227.019



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, 8.329, 227.781



69, 12.274, 228.155



51, 11.995, 279.699



29, 2.544, 227.133



39, 28.630, 246.792



1, 1.754, 226.548

Inverse Universe

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



52, 15.776, 333.907



64, 23.563, 334.217



56, 11.848, 95.015



28, 4.679, 333.237



30, 59.444, 341.537



1, 3.139, 332.684

Previews

White Background



This preview shows how the CIELCh color 55, 8.329, 227.790 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, 8.329, 227.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

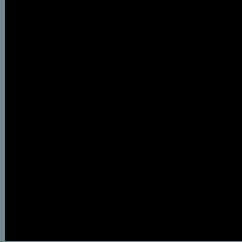
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

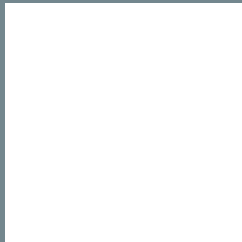
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 8.329, 227.790

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.329, 227.790.



This preview shows how white text looks on a background with the CIELCh color 55, 8.329, 227.790.

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, 8.329, 227.790

Protanopia

55, 4.601, 290.743

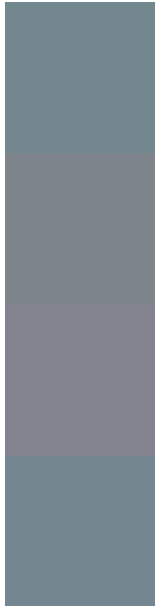
Deuteranopia

55, 9.661, 317.195



Tritanopia
55, 8.909, 239.195

Trichromacy



Original Color
55, 8.329, 227.790

Protanomaly
55, 5.264, 260.377

Deuteranomaly
55, 6.902, 287.861

Tritanomaly
55, 8.585, 236.042

Monochromacy



Original Color
55, 8.329, 227.790

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 2.926, 222.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.329, 227.790 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(115, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(115, 135, 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(115, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 135, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.329, 227.790 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(115, 135, 142) }
```

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

```
.border{ border-color:rgb(115, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(115, 135,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.329, 227.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 135, 142) }
```

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

```
.background{ background-color: rgb(115,  
135, 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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