

Converting Colors

CIELCh(55, 13.120, 281.486)

Have a look what the booklet for
CIELCh(55, 13.120, 281.486)
contains.

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Color

CIELCh(55, 13.345, 282.369)

Conversions

Conversions Part 1

Format	Color
Hex	7D839A
RGB	125, 131, 154
RGB Percent	49%, 51%, 60%
CMY	0.5098, 0.4862, 0.3960
CMYK	0.19, 0.15, 0.00, 0.40
HSL	228°, 13%, 55%
HSV	228°, 19%, 60%
XYZ	22.4106, 22.9298, 33.8219
YIQ	131.8280, -10.9590, 5.8810

Conversions

Conversions Part 2

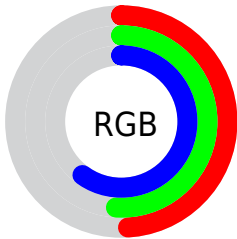
Format	Color
R _Y B	125, 130, 154
Decimal	8225690
CIE Lab	55.00, 2.86, -13.04
CIE LCh	55, 13.345, 282.369
Yxy	22.9298, 0.2831, 0.2897
Android (android.graphics.Color)	4286415770 (0xFF7D839A)
YUV	131.8280, 10.9308, -5.9882
Hunter-Lab	47.8851, -0.2597, -8.3577

Details

The CIELCh color `55, 13.345, 282.369` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `61, 13.090, 97.850`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 13.086, 282.205`, and `35, 13.234, 282.419` is the 20% darker color. If you saturate the color by 10%, you get `50, 20.725, 283.928`, and if you desaturate by 10%, it is `60, 6.174, 281.034`.

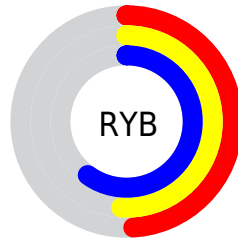
Distribution



Red (49%)

Green (51%)

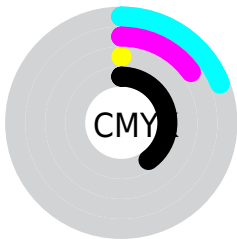
Blue (60%)



Red (49%)

Yellow (51%)

Blue (60%)

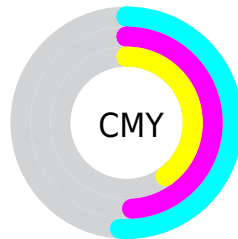


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (40%)



Cyan (51%)


Magenta (49%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 13.345, 282.369 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, 13.345, 282.369 by changing the saturation by 10% instead.


 55, 13.345,
282.369


 55, 13.345,
282.369


 100, 13.345,
282.369


 45, 13.345,
282.369


 75, 13.345,
282.369

 35, 13.345,
282.369

 85, 13.345,
282.369

 25, 13.345,
282.369

 95, 13.345,
282.369

 15, 13.345,
282.369

 5, 13.345, 282.369

 0, 13.345, 282.369

■ 55, 13.345,
282.369

■ 55, 13.345,
282.369

■ 50, 20.725,
283.928

■ 60, 6.174, 281.034

■ 46, 28.338,
285.749

■ 64, 0.799, 99.689

■ 41, 36.205,
287.861

■ 69, 7.586, 98.838

■ 37, 44.345,
290.279

■ 73, 14.198, 97.977

■ 33, 52.752,
292.985

■ 78, 20.642, 97.220

■ 29, 61.344,
295.899

■ 82, 26.926, 96.553

■ 25, 69.870,
298.859

■ 87, 33.055, 95.962

■ 22, 77.845,

■ 91, 39.035, 95.437

■ 95, 44.248, 99.376

301.558

■ 21, 78.720,
301.828

Harmonies

Complementary

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



55, 13.345, 282.369



61, 13.090, 97.850

Rectangle

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



55, 13.345, 282.369



55, 13.345, 332.369



55, 13.345, 102.369



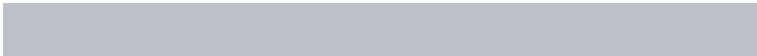
55, 13.345, 152.369

Sweetspot

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



55, 13.344, 282.366



78, 5.205, 280.713



61, 11.436, 180.331



41, 3.482, 280.781



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 13.344, 282.366



68, 20.418, 283.059



54, 17.080, 302.369



30, 3.933, 281.081



19, 72.974, 301.599



1, 4.220, 280.195

Inverse Universe

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



55, 12.230, 4.548



69, 18.793, 5.106



62, 16.474, 120.087



30, 3.565, 3.496



29, 58.639, 27.572



1, 3.763, 2.983

Previews

White Background



This preview shows how the CIELCh color 55, 13.345, 282.369 looks on a white background.

Color Contrast Check

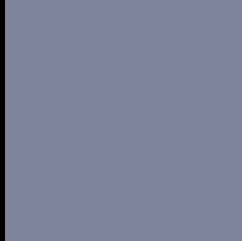
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.345, 282.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

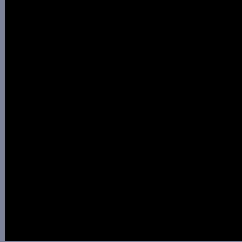
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

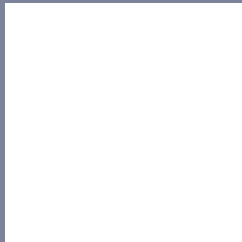
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 13.345, 282.369

Background



This preview shows how black text looks on a background with the CIELCh color 55, 13.345, 282.369.



This preview shows how white text looks on a background with the CIELCh color 55, 13.345, 282.369.

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

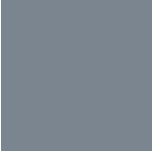
55, 13.345, 282.369

Protanopia

55, 13.825, 287.302

Deuteranopia

55, 15.694, 298.743



Tritanopia
55, 6.784, 257.290

Trichromacy



Original Color
55, 13.345, 282.369

Protanomaly
55, 13.851, 285.811

Deuteranomaly
55, 14.979, 293.366

Tritanomaly
55, 9.047, 272.065

Monochromacy



Original Color
55, 13.345, 282.369

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.717, 276.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 13.345, 282.369 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, 131, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 131, 154)  
}
```

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, 131, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 131, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 13.345, 282.369 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, 131, 154) }
```

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

```
.border{ border-color:rgb(125, 131, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 131, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 131, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 131, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 131,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 13.345, 282.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 131, 154) }
```

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

```
.background{ background-color: rgb(125,  
131, 154) }
```

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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