

Converting Colors

CIELCh(55, 11.119, 316.212)

Have a look what the booklet for
CIELCh(55, 11.119, 316.212)
contains.

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Color

CIELCh(55, 10.857, 316.385)

Conversions

Conversions Part 1

Format	Color
Hex	8C8091
RGB	140, 128, 145
RGB Percent	55%, 50%, 57%
CMY	0.4523, 0.4993, 0.4327
CMYK	0.03, 0.12, 0.00, 0.43
HSL	282°, 7%, 53%
HSV	282°, 12%, 57%
XYZ	23.5170, 22.9298, 29.8351
YIQ	133.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

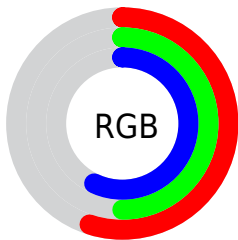
Format	Color
R _Y B	140, 128, 145
Decimal	9207953
CIE Lab	55.00, 7.86, -7.49
CIE LCh	55, 10.857, 316.385
Yxy	22.9298, 0.3083, 0.3006
Android (android.graphics.Color)	4287398033 (0xFF8C8091)
YUV	133.5260, 5.6567, 5.6777
Hunter-Lab	47.8851, 3.8645, -3.4215

Details

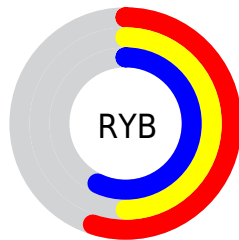
The CIELCh color $55, 10.857, 316.385$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.757, 135.434$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.863, 316.794$, and $35, 11.016, 315.987$ is the 20% darker color. If you saturate the color by 10%, you get $51, 20.280, 316.813$, and if you desaturate by 10%, it is $59, 1.601, 315.899$.

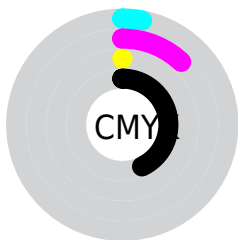
Distribution



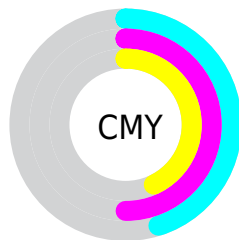
- Red (55%)
- Green (50%)
- Blue (57%)



- Red (55%)
- Yellow (50%)
- Blue (57%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)





- Cyan (45%)
- Magenta (50%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 10.857, 316.385 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, 10.857, 316.385 by changing the saturation by 10% instead.


 55, 10.857,
316.385


 55, 10.857,
316.385


 100, 10.857,
316.385


 45, 10.857,
316.385


 75, 10.857,
316.385

 35, 10.857,
316.385

 85, 10.857,
316.385

 25, 10.857,
316.385

 95, 10.857,
316.385

 15, 10.857,
316.385

 5, 10.857, 316.385

 0, 10.857, 316.385

■ 55, 10.857,
316.385

■ 55, 10.857,
316.385

■ 51, 20.280,
316.813

■ 59, 1.601, 315.899

■ 47, 29.791,
317.239

■ 64, 7.437, 135.621

■ 43, 39.256,
317.645

■ 68, 16.235,
135.250

■ 39, 48.466,
318.006

■ 72, 24.784,
134.915

■ 35, 57.123,
318.284

■ 77, 33.085,
134.611

■ 32, 64.832,
318.429

■ 81, 41.144,
134.336

■ 30, 71.130,
318.383

■ 85, 48.970,
134.088

■ 28, 75.599,

■ 90, 56.574,
133.866

318.088

■ 93, 62.381,
133.482

■ 26, 78.332,
317.729

Harmonies

Complementary

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



55, 10.857, 316.385



59, 10.757, 135.434

Rectangle

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



55, 10.857, 316.385



55, 10.857, 6.385



55, 10.857, 136.385



55, 10.857, 186.385

Sweetspot

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



55, 10.855, 316.384



74, 4.559, 316.044



55, 7.050, 275.207



39, 3.231, 316.078



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, 10.855, 316.384



69, 16.112, 316.493



55, 10.278, 331.216



28, 5.150, 316.273



24, 74.531, 317.786



0, 3.447, 315.916

Inverse Universe

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



55, 7.385, 357.416



69, 10.990, 357.688



58, 10.245, 149.798



28, 3.495, 357.146



28, 54.406, 20.021



0, 2.318, 356.362

Previews

White Background



This preview shows how the CIELCh color 55, 10.857, 316.385 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, 10.857, 316.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

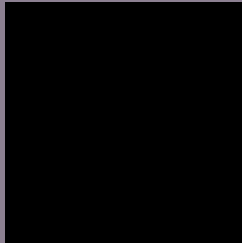
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 10.857, 316.385

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.857, 316.385.



This preview shows how white text looks on a background with the CIELCh color 55, 10.857, 316.385.

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

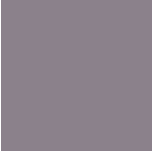
55, 10.857, 316.385

Protanopia

55, 9.196, 288.949

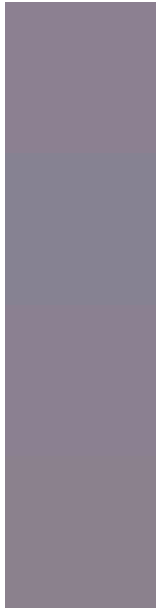
Deuteranopia

55, 10.699, 314.497



Tritanopia
55, 6.983, 324.795

Trichromacy



Original Color
55, 10.857, 316.385

Protanomaly
55, 9.349, 300.605

Deuteranomaly
55, 10.699, 314.497

Tritanomaly
55, 7.953, 320.151

Monochromacy



Original Color
55, 10.857, 316.385

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 3.805, 314.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.857, 316.385 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(140, 128, 145)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 145)  
}
```

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(140, 128, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.857, 316.385 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(140, 128, 145) }
```

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

```
.border{ border-color:rgb(140, 128, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 145);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.857, 316.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 145) }
```

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

```
.background{ background-color: rgb(140,  
128, 145) }
```

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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