

Converting Colors

CIELCh(55, 26.451, 316.502)

Have a look what the booklet for
CIELCh(55, 26.451, 316.502)
contains.

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Color

CIELCh(55, 26.483, 316.508)

Conversions

Conversions Part 1

Format	Color
Hex	9679A3
RGB	150, 121, 163
RGB Percent	59%, 47%, 64%
CMY	0.4104, 0.5242, 0.3594
CMYK	0.08, 0.26, 0.00, 0.36
HSL	281°, 19%, 56%
HSV	281°, 26%, 64%
XYZ	26.1619, 22.9298, 37.8620
YIQ	134.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

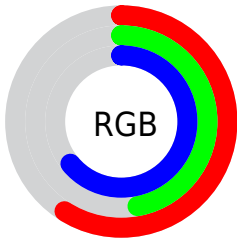
Format	Color
R_{YB}	150, 121, 163
Decimal	9861539
CIE _{Lab}	55.00, 19.21, -18.23
CIE _{LCh}	55, 26.483, 316.508
Yxy	22.9298, 0.3009, 0.2637
Android (android.graphics.Color)	4288051619 (0xFF9679A3)
YUV	134.4590, 14.0707, 13.6295
Hunter-Lab	47.8851, 13.7239, -13.3601

Details

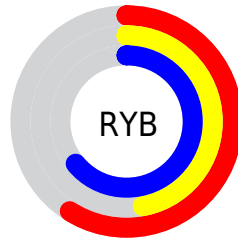
The CIELCh color $55, 26.483, 316.508$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 25.967, 134.263$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 26.264, 316.731$, and $35, 26.492, 316.914$ is the 20% darker color. If you saturate the color by 10%, you get $50, 36.968, 316.935$, and if you desaturate by 10%, it is $60, 16.049, 316.074$.

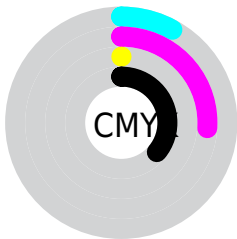
Distribution



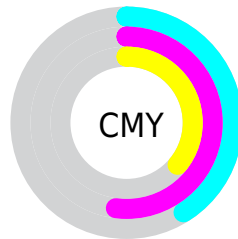
- Red (59%)
- Green (47%)
- Blue (64%)



- Red (59%)
- Yellow (47%)
- Blue (64%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)





- Cyan (41%)
- Magenta (52%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.483, 316.508 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, 26.483, 316.508 by changing the saturation by 10% instead.


 55, 26.483,
316.508


 55, 26.483,
316.508


 100, 26.483,
316.508

 45, 26.483,
316.508


 75, 26.483,
316.508

 35, 26.483,
316.508

 85, 26.483,
316.508

 25, 26.483,
316.508

 95, 26.483,
316.508

 15, 26.483,
316.508

 5, 26.483, 316.508

 0, 26.483, 316.508

55, 26.483,
316.508

55, 26.483,
316.508

50, 36.968,
316.935

60, 16.049,
316.074

46, 47.331,
317.334

64, 5.781, 315.638

42, 57.299,
317.671

69, 4.258, 135.303

38, 66.487,
317.902

74, 14.035,
134.906

35, 74.405,
317.969

79, 23.536,
134.559

32, 80.525,
317.807

84, 32.760,
134.245


31, 84.491,
317.366

88, 41.712,
133.962

30, 85.918,

93, 50.402,
133.707

317.155

 94, 51.268,
132.266

Harmonies

Complementary

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



55, 26.483, 316.508



64, 25.967, 134.263

Rectangle

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



55, 26.483, 316.508



55, 26.483, 6.508



55, 26.483, 136.508



55, 26.483, 186.508

Sweetspot

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



55, 26.481, 316.508



80, 10.007, 315.746



56, 16.936, 276.155



42, 7.180, 315.810



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



55, 26.481, 316.508



67, 39.549, 316.760



56, 25.260, 331.530



32, 5.733, 315.795



26, 78.825, 317.248



1, 8.710, 313.583

Inverse Universe

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



55, 18.444, 357.973



67, 27.670, 358.748



63, 25.168, 148.126



32, 3.937, 356.105



30, 57.103, 19.058



1, 5.928, 357.333

Previews

White Background



This preview shows how the CIELCh color 55, 26.483, 316.508 looks on a white background.

Color Contrast Check

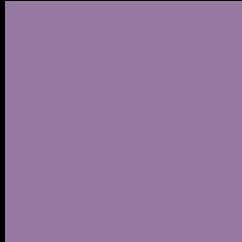
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.483, 316.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

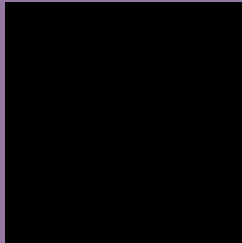
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.483, 316.508

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.483, 316.508.



This preview shows how white text looks on a background with the CIELCh color 55, 26.483, 316.508.

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, 26.483, 316.508

Protanopia

55, 23.067, 286.103

Deuteranopia

55, 18.985, 292.433



Tritanopia
55, 9.811, 344.753

Trichromacy



Original Color
55, 26.483, 316.508

Protanomaly
55, 23.710, 297.191

Deuteranomaly
55, 21.186, 303.402

Tritanomaly
55, 15.722, 327.663

Monochromacy



Original Color
55, 26.483, 316.508

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.636, 317.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.483, 316.508 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(150, 121, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 121, 163)  
}
```

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(150, 121, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 121, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.483, 316.508 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(150, 121, 163) }
```

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

```
.border{ border-color:rgb(150, 121, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 121, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 121, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 121, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 121,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.483, 316.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 121, 163) }
```

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

```
.background{ background-color: rgb(150,  
121, 163) }
```

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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