

Converting Colors

CIELCh(43, 55.089, 326.640)

Have a look what the booklet for
CIELCh(43, 55.089, 326.640)
contains.

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Color

CIELCh(43, 55.182, 326.814)

Conversions

Conversions Part 1

Format	Color
Hex	974598
RGB	151, 69, 152
RGB Percent	59%, 27%, 60%
CMY	0.4070, 0.7286, 0.4031
CMYK	0.01, 0.55, 0.00, 0.40
HSL	299°, 37%, 43%
HSV	299°, 55%, 60%
XYZ	20.6313, 13.1578, 31.2526
YIQ	102.9800, 22.2290, 43.1970

Conversions

Conversions Part 2

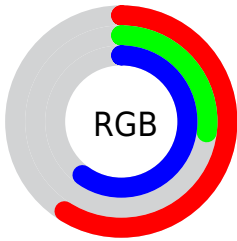
Format	Color
R_{YB}	151, 69, 152
Decimal	9913752
CIE _{Lab}	43.00, 46.18, -30.20
CIE _{LCh}	43, 55.182, 326.814
Yxy	13.1578, 0.3172, 0.2023
Android (android.graphics.Color)	4288103832 (0xFF974598)
YUV	102.9800, 24.1669, 42.1135
Hunter-Lab	36.2736, 38.0465, -25.6914

Details

The CIELCh color $43, 55.182, 326.814$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $56, 55.499, 139.770$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 55.418, 326.646$, and $23, 55.278, 326.474$ is the 20% darker color. If you saturate the color by 10%, you get $40, 63.261, 327.175$, and if you desaturate by 10%, it is $46, 45.981, 326.388$.

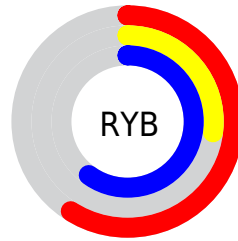
Distribution



Red (59%)

Green (27%)

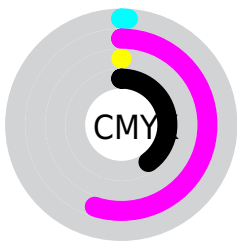
Blue (60%)



Red (59%)

Yellow (27%)

Blue (60%)

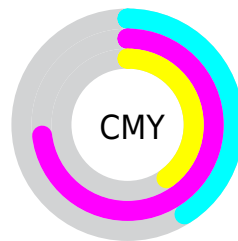


Cyan (1%)

Magenta (55%)

Yellow (0%)

Black (40%)



Cyan (41%)


Magenta (73%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 55.182, 326.814 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 43, 55.182, 326.814 by changing the saturation by 10% instead.


 43, 55.182,
326.814


 43, 55.182,
326.814


 100, 55.182,
326.814


 33, 55.182,
326.814

 63, 55.182,
326.814


 23, 55.182,
326.814

 73, 55.182,
326.814

 13, 55.182,
326.814

 83, 55.182,
326.814

 3, 55.182, 326.814

 93, 55.182,
326.814

 0, 55.182, 326.814

 43, 55.182,

 43, 55.182,

326.814

40, 63.261,
327.175

38, 69.842,
327.454

37, 74.619,
327.641

36, 77.490,
327.734

36, 78.670,
327.767

326.814

46, 45.981,
326.388

49, 36.044,
325.912

53, 25.696,
325.404

57, 15.190,
324.876

61, 4.709, 324.318

65, 5.622, 143.879

69, 15.725,
143.348

74, 25.555,
142.856

■ 78, 35.091,
142.389

Harmonies

Complementary

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



43, 55.182, 326.814



56, 55.499, 139.770

Rectangle

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



43, 55.182, 326.814



43, 55.182, 16.814



43, 55.182, 146.814



43, 55.182, 196.814

Sweetspot

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



43, 55.180, 326.814



72, 20.817, 324.971



34, 50.874, 297.571



37, 14.026, 325.071



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



43, 55.180, 326.814



52, 78.690, 327.231



41, 40.621, 348.488



30, 5.918, 324.588



33, 74.105, 327.770



1, 6.358, 324.077

Inverse Universe

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



40, 38.460, 24.995



48, 58.322, 28.034



57, 38.677, 157.069



30, 3.438, 18.926



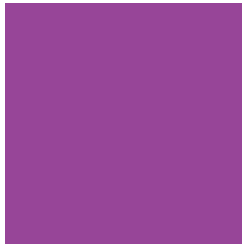
28, 65.710, 38.577



1, 3.597, 18.425

Previews

White Background



This preview shows how the CIELCh color 43, 55.182, 326.814 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 55.182, 326.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

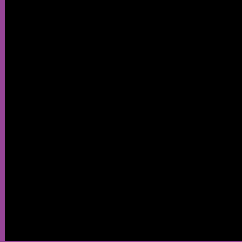
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 55.182, 326.814

Background



This preview shows how black text looks on a background with the CIELCh color 43, 55.182, 326.814.

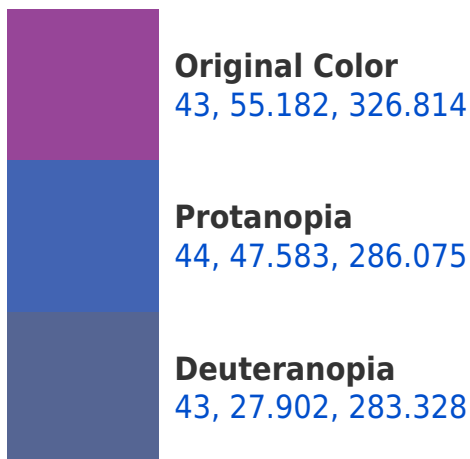


This preview shows how white text looks on a background with the CIELCh color 43, 55.182, 326.814.

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





Tritanopia
43, 26.209, 15.649

Trichromacy



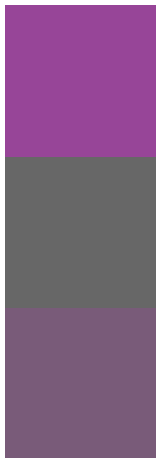
Original Color
43, 55.182, 326.814

Protanomaly
42, 48.324, 299.493

Deuteranomaly
42, 36.987, 305.684

Tritanomaly
43, 33.605, 348.302

Monochromacy



Original Color
43, 55.182, 326.814

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 21.597, 325.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 55.182, 326.814 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(151, 69, 152)` looks like.

```
.text, #text, p{  
    color:rgb(151, 69, 152)  
}
```

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(151, 69, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 69, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 55.182, 326.814 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(151, 69, 152) }
```

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

```
.border{ border-color:rgb(151, 69, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 69, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 69, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 69, 152);  
box-shadow:4px 4px 4px 4px rgb(151, 69,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 55.182, 326.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 69, 152) }
```

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

```
.background{ background-color: rgb(151, 69,  
152) }
```

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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