

Converting Colors

CIELCh(43, 35.978, 316.222)

Have a look what the booklet for
CIELCh(43, 35.978, 316.222)
contains.

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Color

CIELCh(43, 36.194, 316.115)

Conversions

Conversions Part 1

Format	Color
Hex	7C578F
RGB	124, 87, 143
RGB Percent	49%, 34%, 56%
CMY	0.5126, 0.6578, 0.4381
CMYK	0.13, 0.39, 0.00, 0.44
HSL	280°, 24%, 45%
HSV	280°, 39%, 56%
XYZ	16.7628, 13.1578, 27.7571
YIQ	104.4470, 4.0760, 25.2600

Conversions

Conversions Part 2

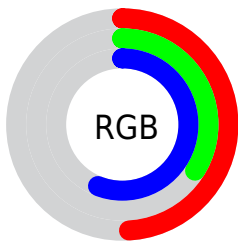
Format	Color
R_{YB}	124, 87, 143
Decimal	8148879
CIE _{Lab}	43.00, 26.09, -25.09
CIE _{LCh}	43, 36.194, 316.115
Yxy	13.1578, 0.2906, 0.2281
Android (android.graphics.Color)	4286338959 (0xFF7C578F)
YUV	104.4470, 19.0066, 17.1480
Hunter-Lab	36.2736, 19.0097, -19.9781

Details

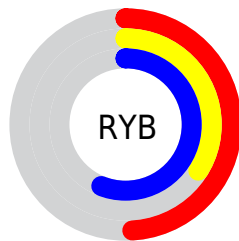
The CIELCh color $43, 36.194, 316.115$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 35.013, 132.661$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 36.467, 315.970$, and $23, 36.235, 316.457$ is the 20% darker color. If you saturate the color by 10%, you get $39, 45.443, 316.507$, and if you desaturate by 10%, it is $47, 26.804, 315.690$.

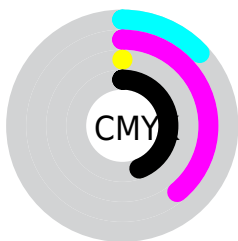
Distribution



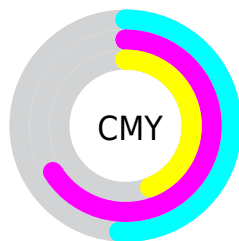
- Red (49%)
- Green (34%)
- Blue (56%)



- Red (49%)
- Yellow (34%)
- Blue (56%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)





- Cyan (51%)
- Magenta (66%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.194, 316.115 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, 36.194, 316.115 by changing the saturation by 10% instead.


 43, 36.194,
316.115


 43, 36.194,
316.115


 100, 36.194,
316.115


 33, 36.194,
316.115

 63, 36.194,
316.115


 23, 36.194,
316.115

 73, 36.194,
316.115

 13, 36.194,
316.115

 83, 36.194,
316.115

 3, 36.194, 316.115

 93, 36.194,
316.115

 0, 36.194, 316.115

 43, 36.194,

 43, 36.194,

316.115

39, 45.443,
316.507

35, 54.297,
316.831

32, 62.393,
317.036

29, 69.276,
317.061

27, 74.468,
316.836

25, 78.104,
316.395

25, 78.437,
316.360

316.115

47, 26.804,
315.690

51, 17.446,
315.257

56, 8.224, 314.829

60, 0.800, 134.610

64, 9.594, 134.086

69, 18.144,
133.736

73, 26.447,
133.421

77, 34.507,
133.137

82, 42.333,

Harmonies

Complementary

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



43, 36.194, 316.115



56, 35.013, 132.661

Rectangle

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



43, 36.194, 316.115



43, 36.194, 6.115



43, 36.194, 136.115



43, 36.194, 186.115

Sweetspot

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



43, 36.193, 316.115



69, 13.479, 314.964



45, 22.425, 276.099



36, 9.022, 315.012



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 36.193, 316.115



51, 53.875, 316.466



45, 35.076, 331.175



28, 5.091, 314.832



23, 75.148, 316.414



0, 3.406, 314.477

Inverse Universe

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



44, 25.847, 357.708



53, 38.540, 359.173



55, 35.045, 145.839



28, 3.578, 354.072



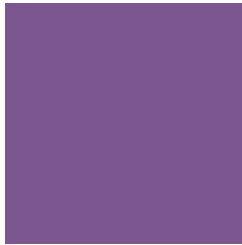
28, 53.495, 15.913



0, 2.378, 353.296

Previews

White Background



This preview shows how the CIELCh color 43, 36.194, 316.115 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, 36.194, 316.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

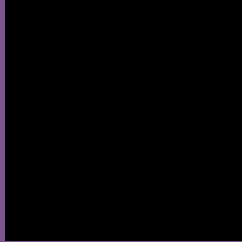
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 36.194, 316.115

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.194, 316.115.

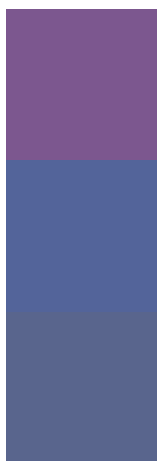


This preview shows how white text looks on a background with the CIELCh color 43, 36.194, 316.115.

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

43, 36.194, 316.115

Protanopia

43, 32.638, 285.373

Deuteranopia

43, 24.229, 283.920



Tritanopia
43, 10.159, 356.462

Trichromacy



Original Color
43, 36.194, 316.115

Protanomaly
43, 33.201, 296.487

Deuteranomaly
43, 27.859, 298.333

Tritanomaly
43, 18.513, 327.716

Monochromacy



Original Color
43, 36.194, 316.115

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 13.120, 314.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.194, 316.115 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(124, 87, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 87, 143)  
}
```

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(124, 87, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 87, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.194, 316.115 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(124, 87, 143) }
```

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

```
.border{ border-color:rgb(124, 87, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 87, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 87, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 87, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 87,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.194, 316.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 87, 143) }
```

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

```
.background{ background-color: rgb(124, 87,  
143) }
```

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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