

Converting Colors

CIELCh(44, 35.726, 311.615)

Have a look what the booklet for
CIELCh(44, 35.726, 311.615)
contains.

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Color

CIELCh(44, 35.718, 311.207)

Conversions

Conversions Part 1

Format	Color
Hex	795C95
RGB	121, 92, 149
RGB Percent	47%, 36%, 58%
CMY	0.5262, 0.6399, 0.4164
CMYK	0.19, 0.38, 0.00, 0.42
HSL	271°, 24%, 47%
HSV	271°, 38%, 58%
XYZ	17.0794, 13.8382, 30.1235
YIQ	107.1690, -1.0130, 23.8750

Conversions

Conversions Part 2

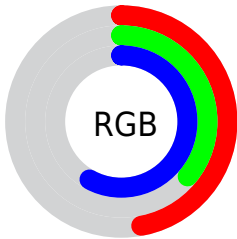
Format	Color
R_{YB}	121, 92, 149
Decimal	7953557
CIE _{Lab}	44.00, 23.53, -26.87
CIE _{LCh}	44, 35.718, 311.207
Yxy	13.8382, 0.2798, 0.2267
Android (android.graphics.Color)	4286143637 (0xFF795C95)
YUV	107.1690, 20.6227, 12.1298
Hunter-Lab	37.1997, 16.8548, -21.9718

Details

The CIELCh color $44, 35.718, 311.207$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 33.899, 127.630$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 35.270, 311.051$, and $24, 36.030, 311.341$ is the 20% darker color. If you saturate the color by 10%, you get $40, 45.344, 311.724$, and if you desaturate by 10%, it is $49, 26.121, 310.687$.

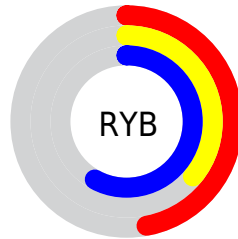
Distribution



Red (47%)

Green (36%)

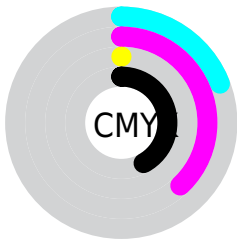
Blue (58%)



Red (47%)

Yellow (36%)

Blue (58%)

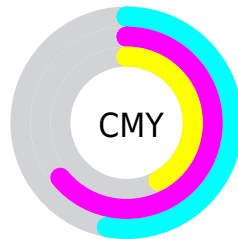


Cyan (19%)

Magenta (38%)

Yellow (0%)

Black (42%)



Cyan (53%)


Magenta (64%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 35.718, 311.207 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 44, 35.718, 311.207 by changing the saturation by 10% instead.


 44, 35.718,
311.207


 44, 35.718,
311.207


 100, 35.718,
311.207


 34, 35.718,
311.207

 64, 35.718,
311.207


 24, 35.718,
311.207

 74, 35.718,
311.207

 14, 35.718,
311.207

 84, 35.718,
311.207

 4, 35.718, 311.207

 94, 35.718,
311.207

 0, 35.718, 311.207

 44, 35.718,

 44, 35.718,

311.207

40, 45.344,
311.724

35, 54.791,
312.202

31, 63.719,
312.582

28, 71.637,
312.784

25, 77.934,
312.705

23, 82.434,
312.338

23, 83.202,
312.290

311.207

49, 26.121,
310.687

53, 16.681,
310.187

58, 7.462, 309.715

62, 1.504, 129.368

67, 10.204,
128.929

72, 18.640,
128.583

76, 26.818,
128.278

81, 34.748,
128.011

■ 85, 42.442,
127.779

Harmonies

Complementary

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



44, 35.718, 311.207



58, 33.899, 127.630

Rectangle

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



44, 35.718, 311.207



44, 35.718, 1.207



44, 35.718, 131.207



44, 35.718, 181.207

Sweetspot

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



44, 35.717, 311.207



72, 12.324, 309.851



49, 18.893, 261.691



37, 8.270, 309.907



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 35.717, 311.207



52, 53.537, 311.655



47, 39.234, 326.440



29, 5.063, 309.757



21, 78.573, 312.368



1, 4.376, 309.369

Inverse Universe

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



46, 28.086, 347.808



56, 41.641, 348.930



57, 39.288, 141.670



29, 4.044, 344.826



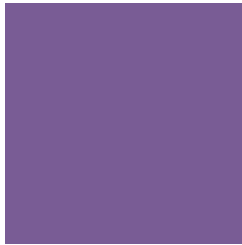
29, 53.626, 1.689



1, 3.498, 344.118

Previews

White Background



This preview shows how the CIELCh color 44, 35.718, 311.207 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 CIE LCh color 44, 35.718, 311.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

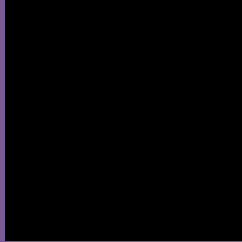
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 35.718, 311.207

Background



This preview shows how black text looks on a background with the CIELCh color 44, 35.718, 311.207.



This preview shows how white text looks on a background with the CIELCh color 44, 35.718, 311.207.

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


44, 35.718, 311.207

Protanopia

44, 33.695, 285.808

Deuteranopia

44, 26.566, 283.807



Tritanopia
44, 7.523, 340.876

Trichromacy



Original Color
44, 35.718, 311.207

Protanomaly
44, 34.200, 294.841

Deuteranomaly
44, 29.426, 295.529

Tritanomaly
44, 17.352, 317.559

Monochromacy



Original Color
44, 35.718, 311.207

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 13.354, 310.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 35.718, 311.207 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(121, 92, 149)` looks like.

```
.text, #text, p{  
    color:rgb(121, 92, 149)  
}
```

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(121, 92, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 92, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 35.718, 311.207 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(121, 92, 149) }
```

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

```
.border{ border-color:rgb(121, 92, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 92, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 92, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 92, 149);  
box-shadow:4px 4px 4px 4px rgb(121, 92,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 35.718, 311.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 92, 149) }
```

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

```
.background{ background-color: rgb(121, 92,  
149) }
```

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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