

Converting Colors

CIELCh(44, 25.670, 319.048)

Have a look what the booklet for
CIELCh(44, 25.670, 319.048)
contains.

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Color

CIELCh(44, 25.347, 318.901)

Conversions

Conversions Part 1

Format	Color
Hex	7B5E84
RGB	123, 94, 132
RGB Percent	48%, 37%, 52%
CMY	0.5183, 0.6320, 0.4830
CMYK	0.07, 0.29, 0.00, 0.48
HSL	286°, 17%, 44%
HSV	286°, 29%, 52%
XYZ	16.2876, 13.8382, 23.5837
YIQ	107.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

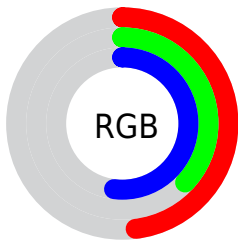
Format	Color
R_{YB}	123, 94, 132
Decimal	8085124
CIE _{Lab}	44.00, 19.10, -16.66
CIE _{LCh}	44, 25.347, 318.901
Yxy	13.8382, 0.3033, 0.2576
Android (android.graphics.Color)	4286275204 (0xFF7B5E84)
YUV	107.0030, 12.3235, 14.0294
Hunter-Lab	37.1997, 13.0552, -11.5486

Details

The CIELCh color $44, 25.347, 318.901$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 24.954, 136.309$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 25.068, 318.989$, and $24, 25.462, 319.627$ is the 20% darker color. If you saturate the color by 10%, you get $40, 34.195, 319.310$, and if you desaturate by 10%, it is $48, 16.456, 318.474$.

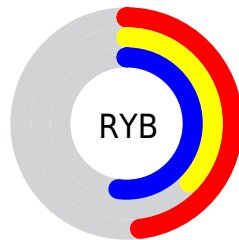
Distribution



Red (48%)

Green (37%)

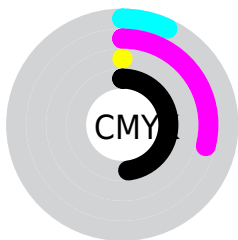
Blue (52%)



Red (48%)

Yellow (37%)

Blue (52%)

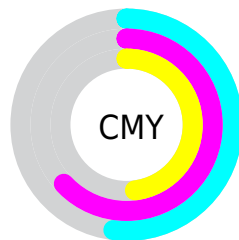


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (52%)


Magenta (63%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.347, 318.901 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, 25.347, 318.901 by changing the saturation by 10% instead.


 44, 25.347,
318.901


 44, 25.347,
318.901


 100, 25.347,
318.901


 34, 25.347,
318.901

 64, 25.347,
318.901


 24, 25.347,
318.901

 74, 25.347,
318.901

 14, 25.347,
318.901

 84, 25.347,
318.901

 4, 25.347, 318.901

 94, 25.347,
318.901

 0, 25.347, 318.901

 44, 25.347,

 44, 25.347,

318.901

40, 34.195,
319.310

37, 42.823,
319.679

34, 50.971,
319.977

31, 58.301,
320.166

28, 64.421,
320.198

27, 68.956,
320.028

25, 72.125,
319.690

25, 72.505,
319.654

318.901

48, 16.456,
318.474

52, 7.646, 318.042

56, 1.009, 137.795

60, 9.464, 137.275

63, 17.698,
136.900

67, 25.701,
136.557

71, 33.473,
136.242

75, 41.019,
135.954

79, 48.348,

Harmonies

Complementary

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



44, 25.347, 318.901



52, 24.954, 136.309

Rectangle

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



44, 25.347, 318.901



44, 25.347, 8.901



44, 25.347, 138.901



44, 25.347, 188.901

Sweetspot

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



44, 25.345, 318.901



66, 9.651, 318.059



44, 17.308, 281.229



34, 6.766, 318.114



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 25.345, 318.901



53, 38.110, 319.189



45, 22.674, 334.215



26, 4.916, 318.056



25, 71.790, 319.664



0, 1.168, 317.694

Inverse Universe

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



44, 16.973, 3.525



54, 25.780, 4.520



52, 22.518, 150.203



26, 3.200, 1.242



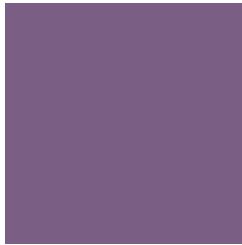
26, 54.373, 24.722



0, 0.751, 0.477

Previews

White Background



This preview shows how the CIELCh color 44, 25.347, 318.901 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 44, 25.347, 318.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

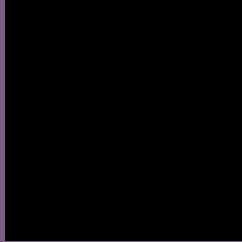
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 25.347, 318.901

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.347, 318.901.



This preview shows how white text looks on a background with the CIELCh color 44, 25.347, 318.901.

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, 25.347, 318.901

Protanopia

44, 21.100, 284.539

Deuteranopia

44, 16.792, 291.280



Tritanopia
44, 9.342, 354.120

Trichromacy



Original Color
44, 25.347, 318.901

Protanomaly
44, 21.697, 296.994

Deuteranomaly
44, 19.650, 303.769

Tritanomaly
44, 14.265, 332.303

Monochromacy



Original Color
44, 25.347, 318.901

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 9.508, 318.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.347, 318.901 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(123, 94, 132)` looks like.

```
.text, #text, p{  
    color:rgb(123, 94, 132)  
}
```

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(123, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 94, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.347, 318.901 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(123, 94, 132) }
```

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

```
.border{ border-color:rgb(123, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(123, 94,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.347, 318.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 94, 132) }
```

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

```
.background{ background-color: rgb(123, 94,  
132) }
```

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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