

Converting Colors

CIELCh(44, 22.196, 338.445)

Have a look what the booklet for
CIELCh(44, 22.196, 338.445)
contains.

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Color

CIELCh(44, 22.286, 338.622)

Conversions

Conversions Part 1

Format	Color
Hex	845C76
RGB	132, 92, 118
RGB Percent	52%, 36%, 46%
CMY	0.4828, 0.6396, 0.5377
CMYK	0.00, 0.30, 0.11, 0.48
HSL	321°, 18%, 44%
HSV	321°, 30%, 52%
XYZ	16.5799, 13.8382, 18.9032
YIQ	106.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

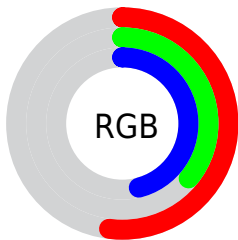
Format	Color
R_{YB}	132, 92, 118
Decimal	8674422
CIE _{Lab}	44.00, 20.75, -8.12
CIE _{LCh}	44, 22.286, 338.622
Yxy	13.8382, 0.3362, 0.2806
Android (android.graphics.Color)	4286864502 (0xFF845C76)
YUV	106.9240, 5.4605, 21.9917
Hunter-Lab	37.1997, 14.4580, -4.0886

Details

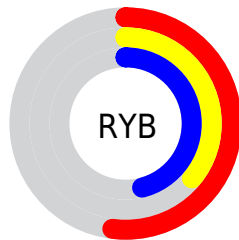
The CIELCh color $44, 22.286, 338.622$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 21.951, 153.945$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 22.139, 339.111$, and $24, 22.658, 338.492$ is the 20% darker color. If you saturate the color by 10%, you get $41, 29.514, 339.495$, and if you desaturate by 10%, it is $48, 14.901, 337.818$.

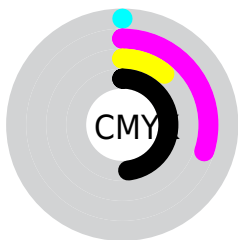
Distribution



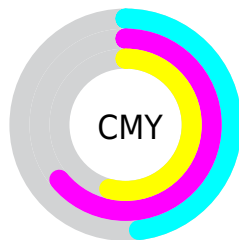
- Red (52%)
- Green (36%)
- Blue (46%)



- Red (52%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 22.286, 338.622 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, 22.286, 338.622 by changing the saturation by 10% instead.


 44, 22.286,
338.622


 44, 22.286,
338.622


 100, 22.286,
338.622

 34, 22.286,
338.622

 64, 22.286,
338.622

 24, 22.286,
338.622

 74, 22.286,
338.622

 14, 22.286,
338.622

 84, 22.286,
338.622

 4, 22.286, 338.622

 94, 22.286,
338.622

 0, 22.286, 338.622

 44, 22.286,

 44, 22.286,

338.622

338.622

41, 29.514,
339.495

48, 14.901,
337.818

38, 36.372,
340.455

51, 7.518, 337.060

35, 42.571,
341.534

55, 0.237, 335.300

59, 6.883, 155.794

32, 47.777,
342.775

63, 13.808,
155.168

31, 51.659,
344.241

67, 20.524,
154.592

29, 53.981,
346.015

71, 27.030,
154.053

28, 55.220,
347.967

74, 33.330,
153.548

78, 39.435,

Harmonies

Complementary

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



44, 22.286, 338.622



52, 21.951, 153.945

Rectangle

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



44, 22.286, 338.622



44, 22.286, 28.622



44, 22.286, 158.622



44, 22.286, 208.622

Sweetspot

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



44, 22.284, 338.623



66, 8.093, 336.976



42, 24.819, 304.904



34, 5.674, 337.071



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, 22.284, 338.623



54, 32.632, 339.180



43, 17.644, 9.006



26, 4.122, 336.971



28, 54.677, 347.931



0, 0.980, 336.376

Inverse Universe

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



44, 22.284, 338.623



54, 32.632, 339.180



52, 15.429, 183.236



26, 4.122, 336.971



28, 54.677, 347.931



0, 0.980, 336.376

Previews

White Background



This preview shows how the CIELCh color 44, 22.286, 338.622 looks on a white background.

Color Contrast Check

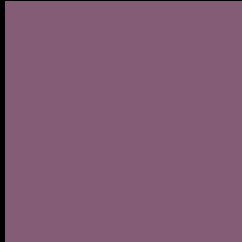
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.286, 338.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

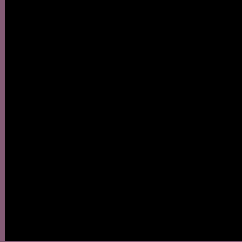
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 22.286, 338.622

Background



This preview shows how black text looks on a background with the CIELCh color 44, 22.286, 338.622.



This preview shows how white text looks on a background with the CIELCh color 44, 22.286, 338.622.

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, 22.286, 338.622

Protanopia

44, 13.211, 287.153

Deuteranopia

44, 8.880, 309.578



Tritanopia
44, 15.465, 6.020

Trichromacy



Original Color
44, 22.286, 338.622

Protanomaly
44, 14.778, 312.099

Deuteranomaly
44, 13.743, 325.275

Tritanomaly
44, 17.499, 353.564

Monochromacy



Original Color
44, 22.286, 338.622

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 7.883, 337.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 22.286, 338.622 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(132, 92, 118)` looks like.

```
.text, #text, p{  
    color:rgb(132, 92, 118)  
}
```

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(132, 92, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 92, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 22.286, 338.622 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(132, 92, 118) }
```

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

```
.border{ border-color:rgb(132, 92, 118) }
```

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

Here you see how a box with a 4 pixel rgb(132, 92, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 92, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 92, 118);  
box-shadow:4px 4px 4px 4px rgb(132, 92,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 22.286, 338.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 92, 118) }
```

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

```
.background{ background-color: rgb(132, 92,  
118) }
```

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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