

Converting Colors

CIELCh(46, 44.192, 321.228)

Have a look what the booklet for
CIELCh(46, 44.192, 321.228)
contains.

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Color

CIELCh(46, 44.361, 320.933)

Conversions

Conversions Part 1

Format	Color
Hex	8F589C
RGB	143, 88, 156
RGB Percent	56%, 35%, 61%
CMY	0.4385, 0.6542, 0.3875
CMYK	0.08, 0.44, 0.00, 0.39
HSL	289°, 28%, 48%
HSV	289°, 44%, 61%
XYZ	20.8778, 15.2687, 33.3782
YIQ	112.1970, 10.9520, 32.8080

Conversions

Conversions Part 2

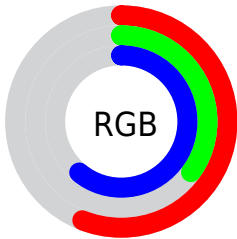
Format	Color
R_{YB}	143, 88, 156
Decimal	9394332
CIE _{Lab}	46.00, 34.44, -27.96
CIE _{LCh}	46, 44.361, 320.933
Yxy	15.2687, 0.3003, 0.2196
Android (android.graphics.Color)	4287584412 (0xFF8F589C)
YUV	112.1970, 21.5949, 27.0142
Hunter-Lab	39.0751, 26.9906, -23.2932

Details

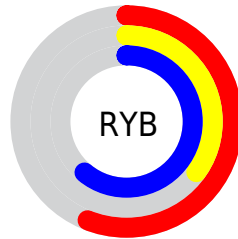
The CIELCh color $46, 44.361, 320.933$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 43.624, 136.634$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 44.652, 320.912$, and $26, 43.940, 321.056$ is the 20% darker color. If you saturate the color by 10%, you get $42, 53.966, 321.276$, and if you desaturate by 10%, it is $50, 34.279, 320.532$.

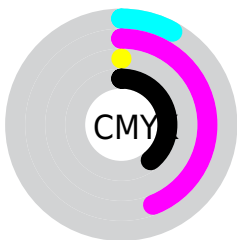
Distribution



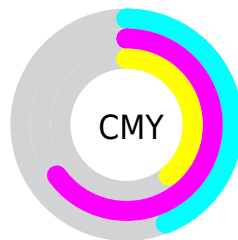
- Red (56%)
- Green (35%)
- Blue (61%)



- Red (56%)
- Yellow (35%)
- Blue (61%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (39%)




- Cyan (44%)
- Magenta (65%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 44.361, 320.933 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 46, 44.361, 320.933 by changing the saturation by 10% instead.


 46, 44.361,
320.933


 46, 44.361,
320.933


 100, 44.361,
320.933

 36, 44.361,
320.933

 66, 44.361,
320.933

 26, 44.361,
320.933

 76, 44.361,
320.933

 16, 44.361,
320.933

 86, 44.361,
320.933

 6, 44.361, 320.933

 96, 44.361,
320.933

 0, 44.361, 320.933

 46, 44.361,

 46, 44.361,

320.933

42, 53.966,
321.276

39, 62.733,
321.527

36, 70.223,
321.647

34, 75.995,
321.593

32, 79.740,
321.331

32, 81.521,
321.103

320.933

50, 34.279,
320.532

54, 24.002,
320.100

58, 13.722,
319.653

63, 3.564, 319.180

67, 6.394, 138.834

72, 16.106,
138.415

76, 25.551,
138.034

81, 34.722,
137.681

■ 85, 43.621,
137.356

Harmonies

Complementary

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



46, 44.361, 320.933



59, 43.624, 136.634

Rectangle

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



46, 44.361, 320.933



46, 44.361, 10.933



46, 44.361, 140.933



46, 44.361, 190.933

Sweetspot

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



46, 44.359, 320.933



75, 16.367, 319.640



44, 32.669, 287.105



38, 11.444, 319.733



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



46, 44.359, 320.933



55, 65.200, 321.260



47, 37.675, 337.514



31, 5.765, 319.459



29, 76.337, 321.154



1, 7.417, 318.121

Inverse Universe

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



46, 29.950, 9.357



55, 44.897, 11.315



59, 37.274, 150.483



31, 3.644, 4.698



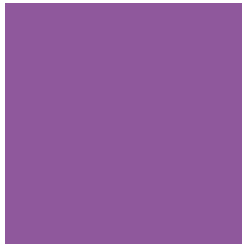
29, 60.052, 28.879



1, 4.641, 4.685

Previews

White Background



This preview shows how the CIELCh color 46, 44.361, 320.933 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 46, 44.361, 320.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

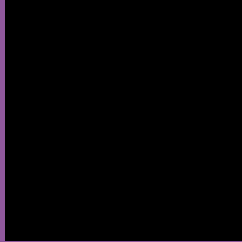
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 44.361, 320.933

Background



This preview shows how black text looks on a background with the CIELCh color 46, 44.361, 320.933.




This preview shows how white text looks on a background with the CIELCh color 46, 44.361, 320.933.

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
46, 16.296, 4.856

Trichromacy



Original Color
46, 44.361, 320.933

Protanomaly
46, 39.403, 298.097

Deuteranomaly
46, 31.925, 301.724

Tritanomaly
46, 24.810, 337.304

Monochromacy



Original Color
46, 44.361, 320.933

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 16.840, 319.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 44.361, 320.933 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(143, 88, 156)` looks like.

```
.text, #text, p{  
    color:rgb(143, 88, 156)  
}
```

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(143, 88, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 88, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 44.361, 320.933 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(143, 88, 156) }
```

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

```
.border{ border-color:rgb(143, 88, 156) }
```

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

Here you see how a box with a 4 pixel rgb(143, 88, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 88, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 88, 156);  
box-shadow:4px 4px 4px 4px rgb(143, 88,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 44.361, 320.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 88, 156) }
```

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

```
.background{ background-color: rgb(143, 88,  
156) }
```

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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