

Converting Colors

CIELCh(46, 36.070, 328.004)

Have a look what the booklet for
CIELCh(46, 36.070, 328.004)
contains.

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Color

CIELCh(46, 36.070, 328.004)

Conversions

Conversions Part 1

Format	Color
Hex	905A8D
RGB	144, 90, 141
RGB Percent	56%, 35%, 55%
CMY	0.4338, 0.6457, 0.4456
CMYK	0.00, 0.37, 0.02, 0.43
HSL	303°, 23%, 46%
HSV	303°, 37%, 57%
XYZ	20.0882, 15.2687, 27.2314
YIQ	111.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

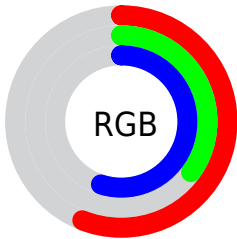
Format	Color
R_{YB}	144, 90, 141
Decimal	9460365
CIE _{Lab}	46.00, 30.59, -19.11
CIE _{LCh}	46, 36.070, 328.004
Yxy	15.2687, 0.3210, 0.2440
Android (android.graphics.Color)	4287650445 (0xFF905A8D)
YUV	111.9600, 14.3167, 28.0991
Hunter-Lab	39.0751, 23.3840, -13.9666

Details

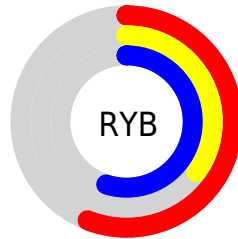
The CIELCh color $46, 36.070, 328.004$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 36.103, 143.242$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 36.339, 327.996$, and $26, 36.230, 327.639$ is the 20% darker color. If you saturate the color by 10%, you get $43, 45.099, 328.522$, and if you desaturate by 10%, it is $49, 26.574, 327.464$.

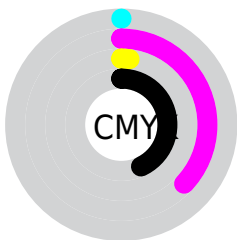
Distribution



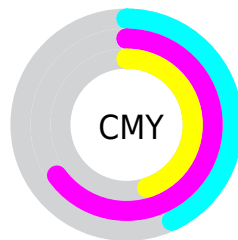
- Red (56%)
- Green (35%)
- Blue (55%)



- Red (56%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (43%)





- Cyan (43%)
- Magenta (65%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 36.070, 328.004 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, 36.070, 328.004 by changing the saturation by 10% instead.


 46, 36.070,
328.004


 46, 36.070,
328.004


 100, 36.070,
328.004


 36, 36.070,
328.004

 66, 36.070,
328.004


 26, 36.070,
328.004

 76, 36.070,
328.004

 16, 36.070,
328.004


 86, 36.070,
328.004

 6, 36.070, 328.004

 96, 36.070,
328.004

 0, 36.070, 328.004

 46, 36.070,

 46, 36.070,

328.004

43, 45.099,
328.522

40, 53.341,
329.005

38, 60.429,
329.444

36, 66.007,
329.832

34, 69.820,
330.166

34, 71.984,
330.458

33, 72.479,
330.530

328.004

49, 26.574,
327.464

53, 16.872,
326.911

57, 7.152, 326.344

61, 2.458, 145.919

65, 11.875,
145.323

69, 21.052,
144.807

73, 29.963,
144.318

77, 38.600,
143.855

■ 82, 46.965,
143.418

Harmonies

Complementary

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



46, 36.070, 328.004



55, 36.103, 143.242

Rectangle

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



46, 36.070, 328.004



46, 36.070, 18.004



46, 36.070, 148.004



46, 36.070, 198.004

Sweetspot

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



46, 36.068, 328.004



71, 13.221, 326.563



41, 32.880, 296.439



36, 8.860, 326.630



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



46, 36.068, 328.004



56, 53.379, 328.448



45, 26.179, 350.185



28, 5.400, 326.446



31, 69.099, 330.516



1, 3.627, 325.967

Inverse Universe

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



46, 36.068, 328.004



56, 53.379, 328.448



56, 24.737, 162.834



28, 5.400, 326.446



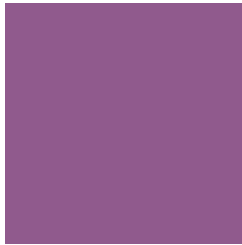
31, 69.099, 330.516



1, 3.627, 325.967

Previews

White Background



This preview shows how the CIELCh color 46, 36.070, 328.004 looks on a white background.

Color Contrast Check

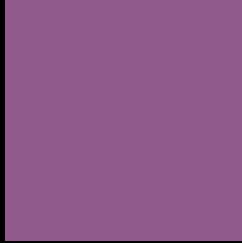
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.070, 328.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

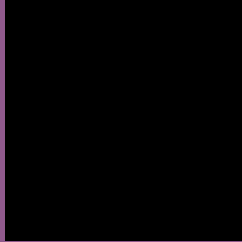
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 36.070, 328.004

Background



This preview shows how black text looks on a background with the CIELCh color 46, 36.070, 328.004.



This preview shows how white text looks on a background with the CIELCh color 46, 36.070, 328.004.

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

46, 36.070, 328.004

Protanopia

46, 28.052, 285.171

Deuteranopia

46, 18.434, 290.430



Tritanopia
46, 18.325, 8.985

Trichromacy



Original Color
46, 36.070, 328.004

Protanomaly
46, 28.930, 301.577

Deuteranomaly
46, 23.704, 309.459

Tritanomaly
46, 23.336, 347.296

Monochromacy



Original Color
46, 36.070, 328.004

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 13.839, 326.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 36.070, 328.004 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(144, 90, 141)` looks like.

```
.text, #text, p{  
    color:rgb(144, 90, 141)  
}
```

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(144, 90, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 90, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 36.070, 328.004 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(144, 90, 141) }
```

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

```
.border{ border-color:rgb(144, 90, 141) }
```

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

Here you see how a box with a 4 pixel rgb(144, 90, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 90, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 90, 141);  
box-shadow:4px 4px 4px 4px rgb(144, 90,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 36.070, 328.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 90, 141) }
```

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

```
.background{ background-color: rgb(144, 90,  
141) }
```

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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