

Converting Colors

CIELCh(34, 44.237, 300.645)

Have a look what the booklet for
CIELCh(34, 44.237, 300.645)
contains.

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Color

CIELCh(34, 44.528, 300.567)

Conversions

Conversions Part 1

Format	Color
Hex	4F468D
RGB	79, 70, 141
RGB Percent	31%, 27%, 55%
CMY	0.6893, 0.7247, 0.4461
CMYK	0.44, 0.50, 0.00, 0.45
HSL	248°, 34%, 41%
HSV	248°, 50%, 55%
XYZ	10.2718, 8.0082, 26.2948
YIQ	80.7850, -17.4270, 23.9890

Conversions

Conversions Part 2

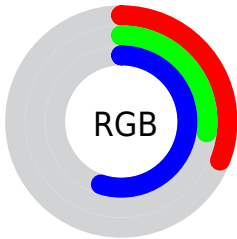
Format	Color
R _Y B	79, 70, 141
Decimal	5195405
CIE Lab	34.00, 22.64, -38.34
CIE LCh	34, 44.528, 300.567
Yxy	8.0082, 0.2304, 0.1797
Android (android.graphics.Color)	4283385485 (0xFF4F468D)
YUV	80.7850, 29.6860, -1.5654
Hunter-Lab	28.2988, 15.2681, -35.2823

Details

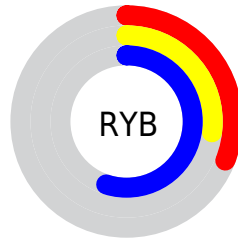
The CIELCh color $34, 44.528, 300.567$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $57, 39.165, 111.457$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $54, 44.757, 300.911$, and $14, 44.762, 300.861$ is the 20% darker color. If you saturate the color by 10%, you get $29, 54.224, 302.056$, and if you desaturate by 10%, it is $39, 35.023, 299.198$.

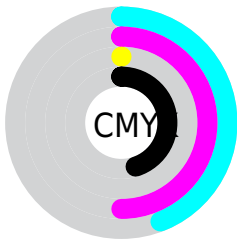
Distribution



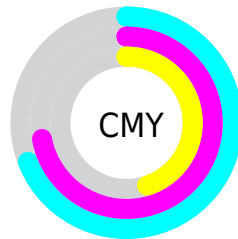
- Red (31%)
- Green (27%)
- Blue (55%)



- Red (31%)
- Yellow (27%)
- Blue (55%)



- Cyan (44%)
- Magenta (50%)
- Yellow (0%)
- Black (45%)




- Cyan (69%)
- Magenta (72%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 44.528, 300.567 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 34, 44.528, 300.567 by changing the saturation by 10% instead.


 34, 44.528,
300.567

 34, 44.528,
300.567

 100, 44.528,
300.567

 24, 44.528,
300.567

 54, 44.528,
300.567

 14, 44.528,
300.567

 64, 44.528,
300.567

 4, 44.528, 300.567

 74, 44.528,
300.567

 0, 44.528, 300.567

 84, 44.528,
300.567

 94, 44.528,
300.567

■ 34, 44.528,
300.567

■ 34, 44.528,
300.567

■ 29, 54.224,
302.056

■ 39, 35.023,
299.198

■ 25, 63.827,
303.582

■ 44, 25.824,
297.977

■ 21, 72.752,
304.994

■ 49, 16.964,
296.910

■ 18, 80.022,
306.064

■ 54, 8.442, 295.986

■ 16, 85.416,
306.860

■ 59, 0.241, 295.239

■ 63, 7.657, 114.500

■ 68, 15.272,
113.911

■ 73, 22.624,
113.403

■ 78, 29.730,
112.965

Harmonies

Complementary

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



34, 44.528, 300.567



57, 39.165, 111.457

Rectangle

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



34, 44.528, 300.567



34, 44.528, 350.567



34, 44.528, 120.567



34, 44.528, 170.567

Sweetspot

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



34, 44.527, 300.568



65, 15.387, 296.433



52, 20.767, 211.033



33, 10.498, 296.606



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



34, 44.527, 300.568



38, 66.931, 302.207



38, 45.752, 315.171



28, 4.664, 295.892



15, 82.700, 306.882



0, 3.100, 295.165

Inverse Universe

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



41, 44.536, 331.041



49, 63.884, 331.678



54, 43.512, 130.734



28, 5.139, 328.605



31, 65.434, 333.869



1, 3.450, 328.106

Previews

White Background



This preview shows how the CIE LCh color 34, 44.528, 300.567 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 44.528, 300.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

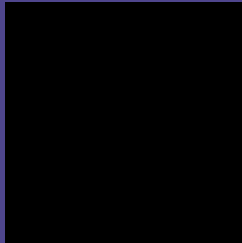
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 44.528, 300.567

Background



This preview shows how black text looks on a background with the CIELCh color 34, 44.528, 300.567.



This preview shows how white text looks on a background with the CIELCh color 34, 44.528, 300.567.

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

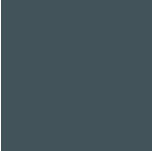
34, 44.528, 300.567

Protanopia

34, 44.583, 286.274

Deuteranopia

34, 37.276, 277.881



Tritanopia
34, 7.590, 228.475

Trichromacy



Original Color
34, 44.528, 300.567

Protanomaly
34, 44.421, 290.717

Deuteranomaly
34, 39.692, 286.098

Tritanomaly
34, 18.932, 285.670

Monochromacy



Original Color
34, 44.528, 300.567

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 16.409, 296.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 44.528, 300.567 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(79, 70, 141)` looks like.

```
.text, #text, p{  
    color:rgb(79, 70, 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(79, 70, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 70, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 44.528, 300.567 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(79, 70, 141) }
```

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

```
.border{ border-color:rgb(79, 70, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 70, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 70, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 70, 141);  
box-shadow:4px 4px 4px 4px rgb(79, 70,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 44.528, 300.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 70, 141) }
```

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

```
.background{ background-color: rgb(79, 70,  
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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