

Converting Colors

CIELCh(28, 32.813, 305.922)

Have a look what the booklet for
CIELCh(28, 32.813, 305.922)
contains.

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Color

CIELCh(28, 32.945, 306.285)

Conversions

Conversions Part 1

Format	Color
Hex	4A396B
RGB	74, 57, 107
RGB Percent	29%, 22%, 42%
CMY	0.7094, 0.7761, 0.5800
CMYK	0.31, 0.47, 0.00, 0.58
HSL	260°, 30%, 32%
HSV	260°, 47%, 42%
XYZ	6.9569, 5.4574, 14.6219
YIQ	67.7830, -5.9180, 19.1540

Conversions

Conversions Part 2

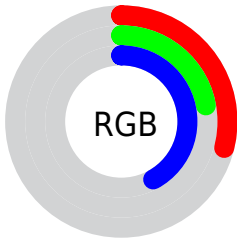
Format	Color
R_{YB}	74, 57, 107
Decimal	4864363
CIE _{Lab}	28.00, 19.50, -26.56
CIE _{LCh}	28, 32.945, 306.285
Yxy	5.4574, 0.2573, 0.2019
Android (android.graphics.Color)	4283054443 (0xFF4A396B)
YUV	67.7830, 19.3340, 5.4523
Hunter-Lab	23.3610, 12.2753, -20.7576

Details

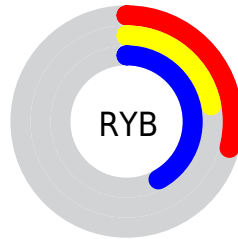
The CIELCh color **28, 32.945, 306.285** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **43, 30.139, 120.922**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 33.337, 306.258**, and **8, 32.622, 306.244** is the 20% darker color. If you saturate the color by 10%, you get **24, 40.407, 307.062**, and if you desaturate by 10%, it is **32, 25.548, 305.536**.

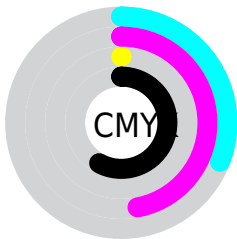
Distribution



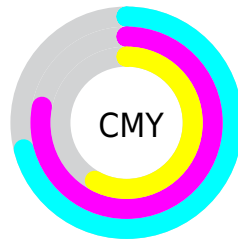
- Red (29%)
- Green (22%)
- Blue (42%)



- Red (29%)
- Yellow (22%)
- Blue (42%)



- Cyan (31%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)





- Cyan (71%)
- Magenta (78%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 32.945, 306.285 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 28, 32.945, 306.285 by changing the saturation by 10% instead.

 28, 32.945,
306.285


 28, 32.945,
306.285

 100, 32.945,
306.285


 18, 32.945,
306.285


 48, 32.945,
306.285


 8, 32.945, 306.285

 58, 32.945,
306.285

 0, 32.945, 306.285

 68, 32.945,
306.285

 78, 32.945,
306.285

 88, 32.945,
306.285

 98, 32.945,

306.285

■ 28, 32.945,
306.285

■ 28, 32.945,
306.285

■ 24, 40.407,
307.062

■ 32, 25.548,
305.536

■ 21, 47.761,
307.820

■ 35, 18.309,
304.839

■ 18, 54.702,
308.480

■ 39, 11.271,
304.205

■ 15, 60.760,
308.929

■ 43, 4.450, 303.633

■ 13, 65.844,
309.203

■ 46, 2.151, 123.159

■ 12, 67.675,
309.389

■ 50, 8.538, 122.704

■ 54, 14.720,
122.315

■ 57, 20.707,
121.978

■ 61, 26.509,
121.685

Harmonies

Complementary

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



28, 32.945, 306.285



43, 30.139, 120.922

Rectangle

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



28, 32.945, 306.285



28, 32.945, 356.285



28, 32.945, 126.285



28, 32.945, 176.285

Sweetspot

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



28, 32.944, 306.285



52, 11.750, 304.068



37, 15.135, 241.681



26, 8.197, 304.168



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



28, 32.944, 306.285



33, 49.833, 307.130



31, 35.031, 321.741



20, 3.748, 303.758



14, 72.291, 309.285



35, 125.273, 308.715

Inverse Universe

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



31, 28.832, 339.516



38, 42.285, 340.579



41, 34.547, 137.165



21, 3.470, 336.511



25, 51.158, 346.910



54, 87.061, 348.421

Previews

White Background



This preview shows how the CIE LCh color 28, 32.945, 306.285 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 28, 32.945, 306.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

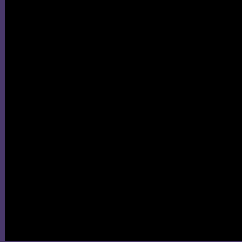
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 32.945, 306.285

Background



This preview shows how black text looks on a background with the CIELCh color 28, 32.945, 306.285.



This preview shows how white text looks on a background with the CIELCh color 28, 32.945, 306.285.

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

28, 32.945, 306.285

Protanopia

28, 31.836, 285.360

Deuteranopia

28, 25.703, 280.038



Tritanopia
28, 3.273, 298.428

Trichromacy



Original Color
28, 32.945, 306.285

Protanomaly
28, 31.675, 292.535

Deuteranomaly
28, 27.834, 290.580

Tritanomaly
28, 13.964, 304.443

Monochromacy



Original Color
28, 32.945, 306.285

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 11.961, 304.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 32.945, 306.285 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(74, 57, 107)` looks like.

```
.text, #text, p{  
    color:rgb(74, 57, 107)  
}
```

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(74, 57, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 57, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 32.945, 306.285 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(74, 57, 107) }
```

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

```
.border{ border-color:rgb(74, 57, 107) }
```

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

Here you see how a box with a 4 pixel rgb(74, 57, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 57, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 57, 107);  
box-shadow:4px 4px 4px 4px rgb(74, 57,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 32.945, 306.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 57, 107) }
```

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

```
.background{ background-color: rgb(74, 57,  
107) }
```

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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