

Converting Colors

CIELCh(28, 40.105, 332.143)

Have a look what the booklet for
CIELCh(28, 40.105, 332.143)
contains.

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Color

CIELCh(28, 39.823, 332.145)

Conversions

Conversions Part 1

Format	Color
Hex	682A5F
RGB	104, 42, 95
RGB Percent	41%, 16%, 37%
CMY	0.5913, 0.8345, 0.6266
CMYK	0.00, 0.59, 0.09, 0.59
HSL	309°, 42%, 29%
HSV	309°, 59%, 41%
XYZ	8.6455, 5.4574, 11.4745
YIQ	66.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

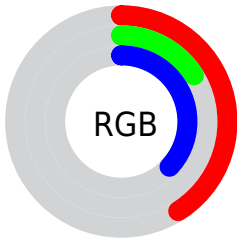
Format	Color
RYB	104, 42, 95
Decimal	6826591
CIELab	28.00, 35.21, -18.61
CIELCh	28, 39.823, 332.145
Yxy	5.4574, 0.3380, 0.2134
Android (android.graphics.Color)	4285016671 (0xFF682A5F)
YUV	66.5800, 14.0111, 32.8173
Hunter-Lab	23.3610, 25.1776, -12.7695

Details

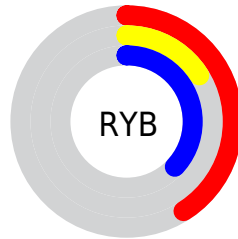
The CIELCh color **28, 39.823, 332.145** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 40.228, 143.587**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 40.035, 331.978**, and **9, 36.157, 331.653** is the 20% darker color. If you saturate the color by 10%, you get **26, 44.923, 332.738**, and if you desaturate by 10%, it is **30, 33.892, 331.552**.

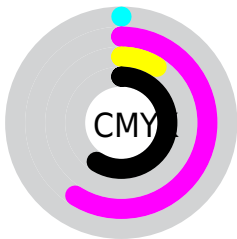
Distribution



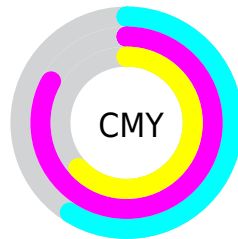
- Red (41%)
- Green (16%)
- Blue (37%)



- Red (41%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (59%)
- Yellow (9%)
- Black (59%)





- Cyan (59%)
- Magenta (83%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 39.823, 332.145 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, 39.823, 332.145 by changing the saturation by 10% instead.

 28, 39.823,
332.145


 28, 39.823,
332.145

 100, 39.823,
332.145


 18, 39.823,
332.145


 48, 39.823,
332.145


 8, 39.823, 332.145

 58, 39.823,
332.145

 0, 39.823, 332.145

 68, 39.823,
332.145

 78, 39.823,
332.145

 88, 39.823,
332.145

 98, 39.823,

332.145

■ 28, 39.823,
332.145

■ 28, 39.823,
332.145

■ 26, 44.923,
332.738

■ 30, 33.892,
331.552

■ 25, 48.936,
333.337

■ 33, 27.399,
330.958

■ 23, 51.659,
333.953

■ 35, 20.572,
330.367

■ 23, 53.647,
334.573

■ 38, 13.592,
329.779

■ 23, 53.751,
334.604

■ 41, 6.591, 329.194

■ 44, 0.341, 149.202

■ 47, 7.143, 148.154

■ 51, 13.782,
147.625

■ 54, 20.241,
147.127

Harmonies

Complementary

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



28, 39.823, 332.145



39, 40.228, 143.587

Rectangle

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



28, 39.823, 332.145



28, 39.823, 22.145



28, 39.823, 152.145



28, 39.823, 202.145

Sweetspot

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



28, 39.821, 332.145



50, 15.528, 329.721



21, 41.540, 301.807



25, 10.881, 329.852



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



28, 39.821, 332.145



34, 55.946, 332.946



27, 30.376, 359.070



20, 3.826, 329.158



25, 57.478, 334.685



56, 99.030, 335.144

Inverse Universe

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



28, 39.821, 332.145



34, 55.946, 332.946



40, 26.898, 165.185



20, 3.826, 329.158



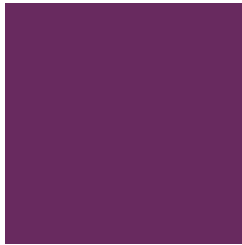
25, 57.478, 334.685



56, 99.030, 335.144

Previews

White Background



This preview shows how the CIELCh color 28, 39.823, 332.145 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, 39.823, 332.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

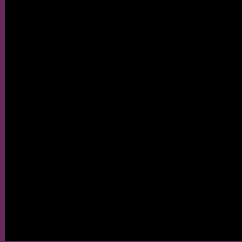
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 39.823, 332.145

Background



This preview shows how black text looks on a background with the CIELCh color 28, 39.823, 332.145.



This preview shows how white text looks on a background with the CIELCh color 28, 39.823, 332.145.

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, 39.823, 332.145

Protanopia
28, 32.451, 285.737

Deuteranopia
28, 16.237, 285.272



Tritanopia
28, 23.083, 17.982

Trichromacy



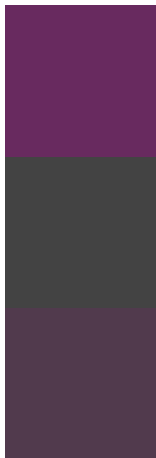
Original Color
28, 39.823, 332.145

Protanomaly
27, 33.344, 301.971

Deuteranomaly
27, 24.574, 311.748

Tritanomaly
28, 27.143, 354.973

Monochromacy



Original Color
28, 39.823, 332.145

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 15.769, 331.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 39.823, 332.145 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(104, 42, 95)` looks like.

```
.text, #text, p{  
    color:rgb(104, 42, 95)  
}
```

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(104, 42, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 42, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 39.823, 332.145 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(104, 42, 95) }
```

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

```
.border{ border-color:rgb(104, 42, 95) }
```

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

Here you see how a box with a 4 pixel rgb(104, 42, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 42, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 42, 95);  
box-shadow:4px 4px 4px 4px rgb(104, 42,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 28, 39.823, 332.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 42, 95) }
```

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

```
.background{ background-color: rgb(104, 42,  
95) }
```

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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