

Converting Colors

CIELCh(28, 25.831, 335.025)

Have a look what the booklet for
CIELCh(28, 25.831, 335.025)
contains.

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Color

CIELCh(28, 25.931, 334.951)

Conversions

Conversions Part 1

Format	Color
Hex	5D3453
RGB	93, 52, 83
RGB Percent	36%, 20%, 33%
CMY	0.6340, 0.7949, 0.6733
CMYK	0.00, 0.44, 0.11, 0.63
HSL	315°, 28%, 29%
HSV	315°, 44%, 37%
XYZ	7.3632, 5.4574, 8.9134
YIQ	67.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

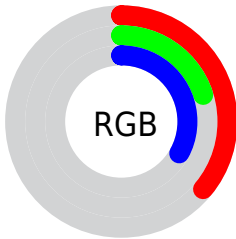
Format	Color
RYB	93, 52, 83
Decimal	6108243
CIELab	28.00, 23.49, -10.98
CIElCh	28, 25.931, 334.951
Yxy	5.4574, 0.3388, 0.2511
Android (android.graphics.Color)	4284298323 (0xFF5D3453)
YUV	67.7930, 7.4971, 22.1065
Hunter-Lab	23.3610, 15.3800, -6.2695

Details

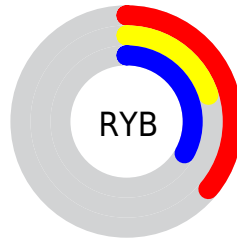
The CIELCh color **28, 25.931, 334.951** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **36, 25.784, 148.652**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **48, 25.835, 334.356**, and **8, 26.120, 334.560** is the 20% darker color. If you saturate the color by 10%, you get **26, 31.341, 335.688**, and if you desaturate by 10%, it is **30, 20.173, 334.252**.

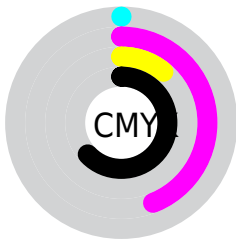
Distribution



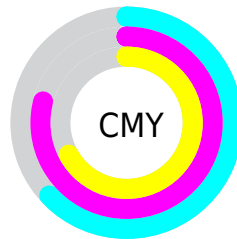
- Red (36%)
- Green (20%)
- Blue (33%)



- Red (36%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (11%)
- Black (63%)





- Cyan (63%)
- Magenta (79%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 25.931, 334.951 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, 25.931, 334.951 by changing the saturation by 10% instead.

 28, 25.931,
334.951


 28, 25.931,
334.951

 100, 25.931,
334.951


 18, 25.931,
334.951


 48, 25.931,
334.951


 8, 25.931, 334.951

 58, 25.931,
334.951

 0, 25.931, 334.951

 68, 25.931,
334.951

 78, 25.931,
334.951

 88, 25.931,
334.951

 98, 25.931,

334.951

■ 28, 25.931,
334.951

■ 28, 25.931,
334.951

■ 26, 31.341,
335.688

■ 30, 20.173,
334.252

■ 24, 36.194,
336.472

■ 33, 14.242,
333.584

■ 22, 40.250,
337.322

■ 36, 8.265, 332.939

■ 39, 2.328, 332.274

■ 21, 43.281,
338.266

■ 41, 3.512, 151.826

■ 20, 45.289,
339.315

■ 44, 9.218, 151.241

■ 19, 46.484,
339.931

■ 47, 14.775,
150.708

■ 50, 20.173,
150.206

■ 53, 25.413,
149.731

Harmonies

Complementary

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



28, 25.931, 334.951



36, 25.784, 148.652

Rectangle

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



28, 25.931, 334.951



28, 25.931, 24.951



28, 25.931, 154.951



28, 25.931, 204.951

Sweetspot

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



28, 25.930, 334.951



47, 9.622, 332.904



25, 27.380, 302.673



23, 6.676, 333.004



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



28, 25.930, 334.951



34, 38.427, 335.744



27, 20.013, 3.366



17, 3.262, 332.609



23, 51.886, 340.224



53, 90.480, 341.222

Inverse Universe

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



28, 25.930, 334.951



34, 38.427, 335.744



36, 17.422, 174.152



17, 3.262, 332.609



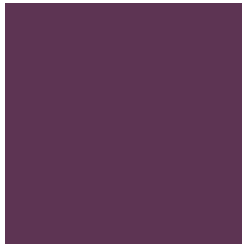
23, 51.886, 340.224



53, 90.480, 341.222

Previews

White Background



This preview shows how the CIELCh color 28, 25.931, 334.951 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, 25.931, 334.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

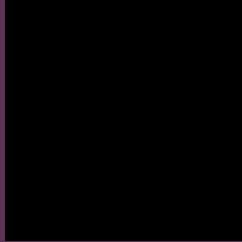
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 25.931, 334.951

Background



This preview shows how black text looks on a background with the CIELCh color 28, 25.931, 334.951.



This preview shows how white text looks on a background with the CIELCh color 28, 25.931, 334.951.

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, 25.931, 334.951

Protanopia
28, 17.587, 283.876

Deuteranopia
28, 10.383, 294.411



Tritanopia
28, 16.167, 13.551

Trichromacy



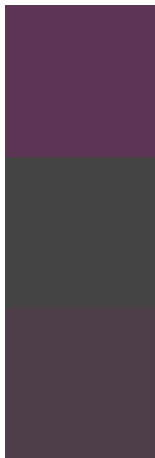
Original Color
28, 25.931, 334.951

Protanomaly
28, 18.673, 305.689

Deuteranomaly
28, 15.799, 317.634

Tritanomaly
28, 18.767, 354.920

Monochromacy



Original Color
28, 25.931, 334.951

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 10.173, 331.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 25.931, 334.951 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(93, 52, 83)` looks like.

```
.text, #text, p{  
    color:rgb(93, 52, 83)  
}
```

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(93, 52, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 52, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 25.931, 334.951 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(93, 52, 83) }
```

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

```
.border{ border-color:rgb(93, 52, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 52, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 52, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 52, 83);  
box-shadow:4px 4px 4px 4px rgb(93, 52, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 25.931, 334.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 52, 83) }
```

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

```
.background{ background-color: rgb(93, 52,  
83) }
```

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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