

Converting Colors

CIELCh(28, 35.147, 325.872)

Have a look what the booklet for
CIELCh(28, 35.147, 325.872)
contains.

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Color

CIELCh(28, 34.938, 325.620)

Conversions

Conversions Part 1

Format	Color
Hex	5F3161
RGB	95, 49, 97
RGB Percent	37%, 19%, 38%
CMY	0.6284, 0.8087, 0.6205
CMYK	0.02, 0.50, 0.00, 0.62
HSL	297°, 33%, 29%
HSV	297°, 50%, 38%
XYZ	7.9309, 5.4574, 11.8883
YIQ	68.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

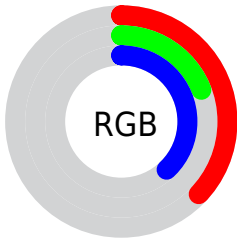
Format	Color
R_{YB}	95, 49, 97
Decimal	6238561
CIE _{Lab}	28.00, 28.83, -19.73
CIE _{LCh}	28, 34.938, 325.620
Yxy	5.4574, 0.3138, 0.2159
Android (android.graphics.Color)	4284428641 (0xFF5F3161)
YUV	68.2260, 14.1856, 23.4808
Hunter-Lab	23.3610, 19.7176, -13.8196




Details

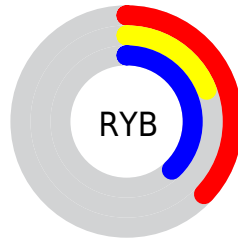
The CIELCh color $28, 34.938, 325.620$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $37, 34.942, 139.898$, and the grayscale version is $29, 0.005, 296.813$.




A 20% lighter version of the original color is $48, 35.092, 325.684$, and $8, 34.755, 325.958$ is the 20% darker color. If you saturate the color by 10%, you get $26, 41.131, 325.989$, and if you desaturate by 10%, it is $30, 28.218, 325.198$.

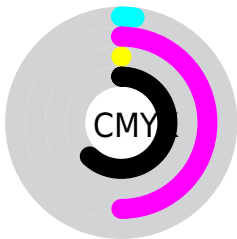
Distribution







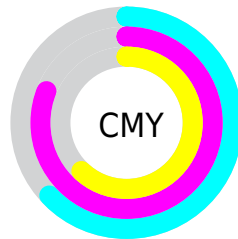
-  Red (37%)
-  Green (19%)
-  Blue (38%)






-  Red (37%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (2%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (62%)





-  Cyan (63%)
-  Magenta (81%)
-  Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 34.938, 325.620 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, 34.938, 325.620 by changing the saturation by 10% instead.

 28, 34.938,
325.620


 28, 34.938,
325.620

 100, 34.938,
325.620

 18, 34.938,
325.620


 48, 34.938,
325.620


 8, 34.938, 325.620

 58, 34.938,
325.620

 0, 34.938, 325.620

 68, 34.938,
325.620

 78, 34.938,
325.620

 88, 34.938,
325.620

 98, 34.938,

325.620

■ 28, 34.938,
325.620

■ 28, 34.938,
325.620

■ 26, 41.131,
325.989

■ 30, 28.218,
325.198

■ 24, 46.558,
326.288

■ 33, 21.188,
324.740

■ 23, 50.972,
326.501

■ 36, 14.017,
324.260

■ 22, 54.184,
326.615

■ 38, 6.830, 323.765

■ 21, 56.832,
326.686

■ 41, 0.286, 143.818

■ 44, 7.272, 142.853

■ 21, 56.945,
326.689

■ 47, 14.094,
142.387

■ 50, 20.732,
141.947

■ 53, 27.178,
141.531

Harmonies

Complementary

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



28, 34.938, 325.620



37, 34.942, 139.898

Rectangle

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



28, 34.938, 325.620



28, 34.938, 15.620



28, 34.938, 145.620



28, 34.938, 195.620

Sweetspot

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



28, 34.937, 325.620



47, 13.225, 324.057



23, 30.289, 294.852



23, 9.099, 324.128



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



28, 34.937, 325.620



34, 50.811, 326.061



27, 26.245, 345.528



18, 3.998, 323.729



25, 63.209, 326.662



55, 110.514, 326.564

Inverse Universe

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



27, 23.474, 21.336



32, 35.949, 23.920



37, 25.270, 156.424



18, 2.340, 16.444



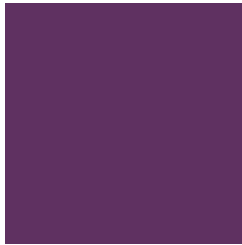
22, 53.808, 35.454



50, 98.155, 38.783

Previews

White Background



This preview shows how the CIE LCh color 28, 34.938, 325.620 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, 34.938, 325.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

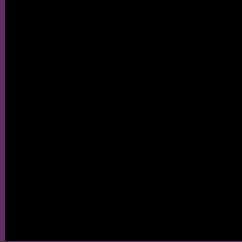
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 34.938, 325.620

Background



This preview shows how black text looks on a background with the CIELCh color 28, 34.938, 325.620.



This preview shows how white text looks on a background with the CIELCh color 28, 34.938, 325.620.

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, 34.938, 325.620

Protanopia

28, 29.876, 285.630

Deuteranopia

28, 18.264, 283.307



Tritanopia
28, 15.721, 10.851

Trichromacy



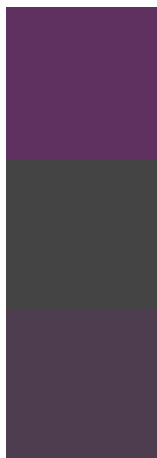
Original Color
28, 34.938, 325.620

Protanomaly
28, 30.615, 299.578

Deuteranomaly
28, 23.168, 304.660

Tritanomaly
28, 21.148, 344.423

Monochromacy



Original Color
28, 34.938, 325.620

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 13.211, 325.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 34.938, 325.620 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(95, 49, 97)` looks like.

```
.text, #text, p{  
    color:rgb(95, 49, 97)  
}
```

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(95, 49, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 49, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 34.938, 325.620 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(95, 49, 97) }
```

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

```
.border{ border-color:rgb(95, 49, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 49, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 49, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 49, 97);  
box-shadow:4px 4px 4px 4px rgb(95, 49, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 34.938, 325.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 49, 97) }
```

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

```
.background{ background-color: rgb(95, 49,  
97) }
```

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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